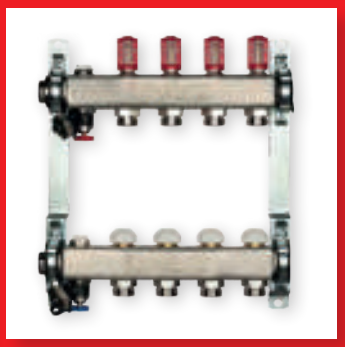
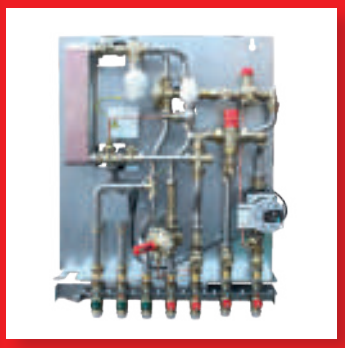
Product Range

October 2026











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General Information

General information, technical data

HERZ thermostatic valves

The thermostatic heads and valves in the HERZ product range featuring the Keymark conformity symbol have been tested according to EN 215.

The maximum permissible differential pressure for all HERZ thermostatic valves is 0.6 bar, except for the dimensions 3/4 and 1 with 0.4 bar and HERZ-TS-90-E and HERZ-TS-E with 0.2 bar.

For low-noise operation of the valves, the differential pressure must be designed according to the "VDMA leaflet on the planning and hydraulic balancing of heating systems with thermostatic radiator valves" (max. 0.2 bar).

Universal models

HERZ radiator valves and radiators screw connections in the dimensions 3/8–3/4 are universal models with special sockets, except for HERZ-TS-E, HERZ-RL-1-E. Threaded pipes can be connected to these using the pipe thread, or copper, soft steel or plastic pipes can be connected with compression adapters.

The same applies to STRÖMAX, STRÖMAX-D, STRÖMAX-M, STRÖMAX-R 1/2. A special adapter is available for the dimension 3/4.

Standard models

HERZ-AS and radiator screw connections 1 and 1¼, HERZ-TS valves 1 and HERZ-TS-E-valves are standard models with threaded socket for threaded pipes.

Surface finishes "nickel-plated" and "brass"

Unless otherwise described, HERZ valves and HERZ distributor connection systems are delivered with **nickel-plated surface**.

Pipe valves are preferably installed in the boiler room or in risers. These valves are delivered in the **brass version** unless otherwise described in the product text.

Technical data

- For all HERZ valves

Max. operating temperature TS 120°C
Max. operating pressure PS 10 bar
Heating water quality according to ÖNORM H 5195 and VDI Guideline 2035.

Storage temperature (not installed) –15°C to 60°C.

This information applies only if no other values are specified in the product data sheets.

- For compression adapters for metallic pipes

For the use of compression adapters for copper and steel pipes, the permissible temperature and pressure information according to EN 1254-2:1998, Table 5, must be observed.

- For plastic pipe connections

The plastic pipe connections are suitable for application classes 1, 2, 4 and 5 according to ISO 10508 "Plastic piping systems for hot and cold water installations", DIN 4726 "Warm water surface heating systems and radiator connecting systems" and ÖNORM EN ISO 21003-1 "Multilayer piping systems for hot and cold water installations inside buildings - Part 1". Application class 1, 2 and 4-10 bar and application class 5-8 bar.

This results in a maximum operating temperature of 95°C at 10 bar. The user is obligated to select the **operating pressure P_{oper}** and **operating temperature T_{oper}** for the respective pipe type such that the values in the standards and the permissible operating data of the pipe manufacturer are complied with.

Deviations from these values are specifically noted in the technical documents.

Hand wheel colours

Hand wheels and plastic parts are white; on pipe valves, they are red or green. Other colours are specifically noted. Please contact us for special colours.

Documents

Brochures, technical data sheets and tender texts are available for all HERZ products and product groups. The HERZ field sales employees are happy to provide these documents or you may request them from us.

Order numbers

The seven-digit order number contains the four-digit article designation, which is emphasised with **bold** type. The order number unmistakeably designates the valve design – series, dimension, colour, design variant – and is structured for electronic data processing. Please use these numbers in your order to prevent mistakes.

EAN, VKE, prices

The European Article Number **(EAN)** has thirteen digits and comprises the code for country and manufacturing company – **EAN 90 04174,** as well as the code for the product and the check digit.

The EAN applies to one piece or one billing unit and not for the specified sale units **(SU)**. We would be happy to provide the EAN list for sale units on request.

All prices are guide prices in euro (€), excluding VAT, subject to change and apply for one piece with purchase in the sale unit. We reserve the right to apply surcharges for smaller quantities.

ARA

HERZ Armaturen is a licensee of Altstoff Recycling Austria Aktiengesellschaft, registered with **license number 2102.** The disposal contribution is paid based on the licensing agreement.

Changes/improvements

HERZ Armaturen reserves the right to make changes and improvements in the interests of technical progress or based on market requirements and to deliver such changed products without special notice.

Threaded connection with inner cone

HERZ offers a comprehensive selection of pipe connections and guarantees that both current and future, improved HERZ compression adapters are always a perfect fit for HERZ valves, meaning that mixing with third party products from other manufacturers is not required. Because HERZ cannot make any guarantee for third party products, combinations with products of other manufacturers are outside of the HERZ warranty.

Images

The images in the HERZ product range descriptions should be understood as symbolic representations and may therefore differ in appearance from the actual products.

ISO 9001 certification

The company HERZ Armaturen Ges.m.b.H., A-1230 Vienna, has a functioning and effective quality management system in all business areas that is designed to maintain the necessary level of customer trust. Verification of compliance with the requirements of **ÖNORM EN ISO 9001:2015** has been provided.

Product group overview

PG 1 Valves
PG 2 Pipes
PG 3 Press and Sliding Sleeve Fittings
PG 4 Skirting Boards
PG 5 Panel Heating
PG 6 Ball Valves / PUMPFIX
PG 8 Residential Unit Hydraulic Interface Units
PG 9 Safety Valves / Air & Dirt Separators
PG 10 District Heating Components

1 **DE LUXE**
Thermostatic Heads, Thermostatic Valves, Connection Systems, Accessories 1

2 **Thermostatic Heads**
HERZ threaded connection M 28 x 1.5, HERZ threaded connection “H” M 30 x 1.5, HERZ threaded connection “D” clamps or snap fastener, Special Models, Accessories 2

3 **Thermostatic Valves**
HERZ Thermostatic Valves threaded connection M 28 x 1.5, HERZ Thermostatic Valves threaded connection “H” M 30 x 1.5, Special Models, Accessories/Spare Parts 3

4 **Radiator Valves and Radiator Connection Systems**
Return Valves, Radiator Control Valves, Thermostatic Inserts, HERZ-3000, Double Connection Distributors, HERZ-2000, Special Models, Accessories/Spare Parts 4

5 **Control and Regulating Valves**
Commissioning Valves, Differential Pressure Controllers, Flow Rate Controllers, Combi Valves, Zone Valves, 2-Port/3-Port Valves, Accessories and Spare Parts 5

6 **Flanged Valves**
Commissioning Valves, Differential Pressure Controllers, Flow Rate Controllers, Combi Valves, 2-Port/3-Port Valves, Shutoff Valves, Butterfly Valves, Strainers, Metering Stations 6

7 **Pipe System Valves**
Shutoff Valves, Ball Valves, Strainers, Check valves, Air Vents, Safety Valves, Accessories, Connections 7

8 **Temperature Control, Measurement and Control Technology**
Thermal drives, actuators, Measurement & Control Technology, Accessories 8

9 **Drinking Water Systems**
Commissioning valves, Shutoff Valves, Ball Valves, Pressure Reducers, Drain Valves, Backflow Preventers, Water Filters, Safety Valves, Accessories/Spare Parts, Distributors 9

10 **PIPEFIX**
Plastic-Aluminium Composite Pipes, Press Fittings, Plastic Pipe Connections, Compression Adapters, Accessories/Spare Parts 10

11 **Gas Systems**
Ball Valves, Strainers, Accessories 11

12 **Systems**
Substations, Heat Interface Units, Pressure-Maintaining Device, Accessories/Spare Parts 12

13 **Distribution**
Pump Groups, Floor Heating Distributors, Rod-Type Distributors, Compact Floor, Accessories/Spare Parts 13

Threaded pipe EN 10255 (medium-weight)

Connections

Nominal size (DN)	Pipe thread R, nominal size (inch)	Outside diameter d_o max. (mm)	Wall thickness s (mm)	Inside diameter d_i (mm)	Volume (l/m)
8	1/4	14.0	2.3	8.8	0.07
10	3/8	17.5	2.3	12.5	0.12
15	1/2	21.8	2.6	16.0	0.20
20	3/4	27.3	2.6	21.6	0.37
25	1	34.2	3.2	27.2	0.58
32	1¼	42.9	3.2	35.9	1.01
40	1½	48.8	3.2	41.8	1.37
50	2	60.8	3.6	53.0	2.21
65	2½	76.6	3.6	68.8	3.72
80	3	89.5	4.0	80.8	5.13
100	4	115.0	4.5	105.3	8.71
125	5	140.8	5.0	130.0	13.27

For threaded pipes, the nominal size is generally given in inches. For copper pipes, the outer diameter is typically given in mm (10; 12; 15; 18; 22; 28; 35; 42; 54; 67; etc.); the pipe thickness for 10-22 mm is 1 mm, for 28-42 1.5 mm and for 54+67 2 mm.

Threaded pipe EN 10255 (heavy)

Connections

Nominal size (DN)	Pipe thread R (inch)	Outside diameter d_o max. (mm)	Wall thickness s (mm)	Inside diameter d_i (mm)
10	3/8	17.5	2.9	11.4
15	1/2	21.8	3.2	14.8
20	3/4	27.3	3.2	20.4
25	1	34.2	4.0	25.6
32	1¼	42.9	4.0	34.3
40	1½	48.8	4.0	40.2
50	2	60.8	4.5	51.3



1

DE LUXE

Heating

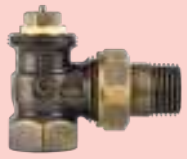
Thermostatic heads MINI DE LUXE with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

Model		Connection	Order number	Sale Unit	€
	**HERZ thermostatic head MINI DE LUXE*/**, white** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C.	**M 28 x 1.5**	S **9200** 34	**1**	
	**HERZ thermostatic head MINI DE LUXE*/**, chrome** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C.	**M 28 x 1.5**	S **9200** 31	**1**	
	**HERZ thermostatic head MINI DE LUXE*/**, matt black** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C.	**M 28 x 1.5**	S **9200** 49	**1**	
	**HERZ thermostatic head MINI DE LUXE, vintage** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Matching thermostatic valve please see below.	**M 28 x 1.5**	S **9200** 35	**1**	

*** For combining with the DELUXE series** S **xxxx** xx
**** Specially designed for the thermostatic valves on pages 6 - 8.**

TS-90 thermostatic valve DE LUXE with threaded connection M 28 x 1.5 - vintage *

Model		kvs	Dim.	Order number	Sale Unit	€
	**HERZ-TS-90 thermostatic valve DE LUXE angle model, vintage*** Radiator connection R ½“, with cone to the valve, pipe connection designed as a universal model for threaded pipes ½“ or compression adapter connection.	**1.1**	**1/2**	S **7724** 91	**1**	
	**HERZ RL-1 return valve DE LUXE, angle model, vintage** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.		**1/2**	S **3724** 01	**1**	

*** Matching thermostatic head in DE LUXE design:** S **9200** 35 **(vintage) - please see above.**

Additional colours available on request.

DE LUXE 3000 connection system for valve radiator

Model		Order number	Sale Unit	€
	**H3000 straight 2P design, white *** Straight model for two-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	S **3266** 04	**1**	
	H3000 straight 2P design, chrome as before	S **3266** 01	**1**	
	H3000 straight 2P design, matt black* as before	S **3263** 49	**1**	
	**H3000 straight 1P design, white*** Straight model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	S **3166** 04	**1**	
	H3000 straight 1P design, chrome as before	S **3166** 01	**1**	
	H3000 straight 1P design, matt black* as before	S **3163** 49	**1**	
	**H3000 angle 2P design, white*** Angle model for two-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. ipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	S **3266** 14	**1**	
	H3000 angle 2P design, chrome as before	S **3266** 11	**1**	
	H3000 angle 2P design, matt black* as before	S **3264** 49	**1**	
	**H3000 angle 1P design, white*** Angle model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	S **3166** 14	**1**	
	H3000 angle 1P design, chrome as before	S **3166** 11	**1**	
	H3000 angle 1P design, matt black* as before	S **3164** 49	**1**	

*** Radiator connection chrome-plated**

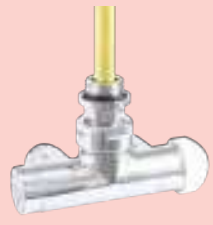
Heating

DE LUXE TS-3000 connection systems for radiators

Model		Order number	Sale Unit	€
	**TS-3000 straight 2P design, white*/**** Straight model for two-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V in the return flow; Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm. Compression adapters must be ordered separately.	S **3692** 44	**1**	
	TS-3000 straight 2P design, chrome** as above	S **3692** 41	**1**	
	TS-3000 straight 2P design, matt black*/** as above	S **3693** 49	**1**	
	**TS-3000 straight 1P design, white*/**** Straight model for one-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V in the return flow; Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm. Compression adapters must be ordered separately.	S **3792** 44	**1**	
	TS-3000 straight 1P design, chrome** as above	S **3792** 41	**1**	
	TS-3000 straight 1P design, matt black*/** as above	S **3793** 49	**1**	
	**TS-3000 angle 2P design, white*/**** Angle model for two-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V in the return flow; Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm. Compression adapters must be ordered separately.	S **3691** 44	**1**	
	TS-3000 angle 2P design, chrome** as above	S **3691** 41	**1**	
	TS-3000 angle 2P design, matt black*/** as above	S **3694** 49	**1**	
	**TS-3000 angle 1P design, white*/**** Angle model for one-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V in the return flow; Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm. Compression adapters must be ordered separately.	S **3791** 44	**1**	
	TS-3000 angle 1P design, chrome** as above	S **3791** 41	**1**	
	TS-3000 angle 1P design, matt black*/** as above	S **3794** 49	**1**	

*** Radiator connection chrome-plated**
**** Matching thermostatic heads in DE LUXE design:** S **9200** 31 **(chrome),** S **9200** 34 **(white),** S **9200** 49 **(matt black) - please see page 4.**

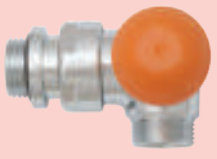
DE LUXE VUA four-port valves for thermostatic operation

Model		Order number	Sale Unit	€
	**HERZ-VUA-50 straight 2P design, white*/**** Four-port valve as straight model for two-pipe systems, with immersion tube (L = 290 mm, Ø 11 mm), with continuously pre-settable upper thermostatic insert TS-98-V in the return flow. Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm.	S **7683** 44	**1**	
	HERZ-VUA-50 straight 2P design, chrome** as above	S **7683** 41	**1**	
	HERZ-VUA-50 straight 2P design, matt black*/** as above	S **7683** 49	**1**	
	**HERZ-VUA-50 straight 1P design, white*/**** Four-port valve as straight model for oneo-pipe systems, with immersion tube (L = 290 mm, Ø 11 mm), with continuously pre-settable upper thermostatic insert TS-90 in the return flow, with bypass (60 %). Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm.	S **7786** 44	**1**	
	HERZ-VUA-50 straight 1P design, chrome** as above	S **7786** 41	**1**	
	HERZ-VUA-50 straight 1P design, matt black*/** as above	S **7783** 49	**1**	
	**HERZ-VUA-50 angle 2P design, white*/**** Four-port valve as angle model for two-pipe systems, with immersion tube (L = 290 mm, Ø 11 mm), with continuously pre-settable upper thermostatic insert TS-98-V in the return flow. Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm.	S **7684** 44	**1**	
	HERZ-VUA-50 angle 2P design, chrome** as above	S **7684** 41	**1**	
	HERZ-VUA-50 angle 2P design, matt black*/** as above	S **7684** 49	**1**	
	**HERZ-VUA-50 angle 1P design, white*/**** Four-port valve as angle model for oneo-pipe systems, with immersion tube (L = 290 mm, Ø 11 mm), with continuously pre-settable upper thermostatic insert TS-90 in the return flow, with bypass (60 %). Thermostatic head connection M 28 x 1.5, supply valve lockable, return flow can be shut off via TS valve, radiator connection G ½ with O-ring, valve connected via freely-rotating nut. Pipe connection M 22 x 1.5 with cone for compression adapter connection, pipe centre spacing 50 mm.	S **7784** 44	**1**	
	HERZ-VUA-50 angle 1P design, chrome** as above	S **7784** 41	**1**	
	HERZ-VUA-50 angle 1P design, matt black*/** as above	S **7784** 49	**1**	

*** Radiator connection chrome-plated**
**** Matching thermostatic heads in DE LUXE design:** S **9200** 31 **(chrome),** S **9200** 34 **(white),** S **9200** 49 **(matt black) - please see page 4.**

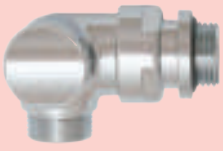
Heating

TS-98-V thermostatic valves DE LUXE with threaded connection M 28 x 1.5
DE LUXE TS-98-V with continuous pre-setting and readout

Model		Connection	Order number	Sale Unit	€
	**HERZ-TS-98-V valve straight model*, white** With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7633** 44	**1**	
	HERZ-TS-98-V valve straight model*, chrome With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7633** 41	**1**	
	**HERZ-TS-98-V thermostatic valve angle model*, white** With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7634** 44	**1**	
	HERZ-TS-98-V thermostatic valve angle model*, chrome With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7634** 41	**1**	
	**HERZ-TS-98-V thermostatic valve reverse angle model*, white** With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7638** 44	**1**	
	HERZ-TS-98-V thermostatic valve reverse angle model*, chrome With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7638** 41	**1**	
	**HERZ-TS thermostatic valve “AB” design white*** With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7645** 44	**1**	
	HERZ-TS thermostatic valve “AB” design chrome* With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7645** 41	**1**	
	**HERZ thermostatic valve “CD” design white*** With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7646** 44	**1**	
	HERZ thermostatic valve “CD” design chrome* With continuous pre-setting and readout, Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **7646** 41	**1**	

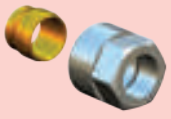
*** Matching thermostatic heads in DE LUXE design:** S **9200** 31 **(chrome),** S **9200** 34 **(white),** S **9200** 49 **(matt black) - please see page 4.**

DE LUXE RL return valves, control and shutoff valve

Model		Connection	Order number	Sale Unit	€
	**HERZ return valve DE LUXE straight model, white** Control and shutoff valve, white coated. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3733** 44	**1**	
	HERZ return valve DE LUXE straight model, chrome Control and shutoff valve, chrome-plated. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3733** 41	**1**	
	**HERZ return valve DE LUXE angle model, white** Control and shutoff valve, white coated. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3734** 44	**1**	
	HERZ return valve DE LUXE angle model, chrome Control and shutoff valve, chrome-plated. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3734** 41	**1**	
	**HERZ reverse angle return valve design white** Control and shutoff valve, for installation in return line, white coated. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3738** 44	**1**	
	HERZ reverse angle return valve design chrome Control and shutoff valve, for installation in return line, chrome-plated. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3738** 41	**1**	
	**HERZ axis return valve “AB” design white** Control and shutoff valve, white coated. Radiator connection with cone. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3745** 44	**1**	
	HERZ axis return valve “AB” design chrome Control and shutoff valve, chrome-plated. Radiator connection with cone. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3745** 41	**1**	
	**HERZ axis return valve “CD” design white** Control and shutoff valve, white coated. Radiator connection with cone. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3746** 44	**1**	
	HERZ axis return valve “CD” design chrome Control and shutoff valve, chrome-plated. Radiator connection with cone. Radiator connection G ½“ with O-ring, freely-rotating union nut to the valve, pipe connection male thread M 22 x 1.5 with cone.	**G 1/2" – M 22 x 1.5**	S **3746** 41	**1**	

Heating

DE LUXE compression adapters M 22 x 1,5
for soft steel and copper pipes

Model		Connection	Order number	Sale Unit	€
	**Design compression adapter - M 22 x 1.5 - chrome** for soft steel and copper pipes, olive with metallic seal, union nut M 22 x 1.5. Not suitable for chrome-plated metal pipes and stainless steel pipes. Nut chrome-plated. Sealed with O-ring.	**10**	S **6284** 10	**10**	
		12	S **6284** 12	**10**	
		14	S **6284** 14	**10**	
	Design compression adapter - M 22 x 1.5 - chrome for soft steel, copper and chrome-plated copper pipes, olive with metallic seal, union nut M 22 x 1.5; nut chrome-plated. Not suitable for chrome-plated metal pipes generally and stainless steel pipes.	**15**	S **6284** 15	**10**	
	Design compression adapter - M 22 x 1.5 - chrome for soft steel and copper pipes, olive with metallic seal, union nut M 22 x 1.5; nut chrome-plated. Not suitable for chrome-plated metal pipes generally and stainless steel pipes.	**16**	S **6284** 16	**10**	

DE LUXE compression adapters M 22 x 1,5
for copper pipes

	**Design compression adapter - M 22 x 1.5 - chrome** solid rubber seal (EPDM) to pipe, union nut M 22 x 1.5; Nut chrome-plated. Only suitable for copper pipes. Not suitable for chrome-plated metal pipes, soft steel pipes or stainless steel pipes.	**12**	S **6286** 12	**10**	
	Design compression adapter - M 22 x 1.5 - chrome solid rubber seal (EPDM) to pipe, union nut M 22 x 1.5; Nut chrome-plated. Only suitable for copper and chrome-plated copper pipes. Not suitable for chrome-plated metal pipes generally, soft steel pipes or stainless steel pipes.	**15**	S **6286** 15	**10**	

DE LUXE compression adapters M 22 x 1,5
for PE-X, PB and aluminium composite pipes

	**Design compression adapter - M 22 x 1.5 - chrome for PE-X, PB and aluminium composite pipes,** consisting of spigot, olive and union nut M 22 x 1.5. Nut chrome-plated.	**14 x 2**	S **6066** 14	**10**	
		16 x 2	S **6066** 16	**10**	

Thermostatic heads DE LUXE with threaded connection M 28 x 1.5

suitable HERZ-TS-90 DE LUXE thermostatic valves

Model		Order number	Sale Unit	€
	**HERZ thermostatic head DE LUXE, chrome** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 8°C, set point range 0–30°C.	1 **9230** 41	**1**	
	HERZ thermostatic head DE LUXE, white (RAL 9010)	1 **9230** 44	**1**	
	HERZ thermostatic head DE LUXE, matt black	1 **9230** 49	**1**	
	**HERZ thermostatic head DE LUXE, colour Pergamum** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 8°C, set point range 0–30°C.	S **9230** 01	**1**	
	Colour Aegean	S **9230** 02	**1**	
	Colour Manhattan	S **9230** 03	**1**	
	Colour Edelweiss	S **9230** 04	**1**	
	Colour Calypso	S **9230** 05	**1**	
	Colour Bahama Beige	S **9230** 06	**1**	
	Colour Greenwich	S **9230** 07	**1**	
	Colour Jasmine	S **9230** 08	**1**	
	Colour Natural	S **9230** 09	**1**	
	Colour Ultramarine Blue (RAL 5002)	S **9230** 10	**1**	
	Colour Flame Red (RAL 3000)	S **9230** 11	**1**	
	Colour Ruby Red (RAL 3003)	S **9230** 12	**1**	
	Colour Signal Blue (RAL 5005)	S **9230** 13	**1**	
	Colour Golden Yellow (RAL 1004)	S **9230** 14	**1**	
	Colour Light Ivory (RAL 1015)	S **9230** 15	**1**	

Thermostatic heads “H” DE LUXE with threaded connection M 30 x 1.5

	**HERZ thermostatic head “H” DE LUXE, chrome** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 8°C, set point range 0–30°C.	1 **9238** 41	**1**	
	HERZ thermostatic head “H” DE LUXE, white (RAL 9010)	1 **9238** 44	**1**	
	HERZ thermostatic head “H” DE LUXE, matt black	1 **9238** 49	**1**	

Thermostatic heads “H” DE LUXE with threaded connection M 30 x 1.5

	**HERZ thermostatic head “H” DE LUXE, colour Pergamum** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 8°C, set point range 0–30°C.	S **9238** 01	**1**	
	Colour Aegean	S **9238** 02	**1**	
	Colour Manhattan	S **9238** 03	**1**	
	Colour Edelweiss	S **9238** 04	**1**	
	Colour Calypso	S **9238** 05	**1**	
	Colour Bahama Beige	S **9238** 06	**1**	
	Colour Greenwich	S **9238** 07	**1**	
	Colour Jasmine	S **9238** 08	**1**	
	Colour Natural	S **9238** 09	**1**	
	Colour Ultramarine Blue (RAL 5002)	S **9238** 10	**1**	
	Colour Flame Red (RAL 3000)	S **9238** 11	**1**	
	Colour Ruby Red (RAL 3003)	S **9238** 12	**1**	
	Colour Signal Blue (RAL 5005)	S **9238** 13	**1**	
	Colour Golden Yellow (RAL 1004)	S **9238** 14	**1**	
	Colour Light Ivory (RAL 1015)	S **9238** 15	**1**	

Additional colours available on request.

Thermostatic heads “D” DE LUXE with clamps or snap fastener

Model		Order number	Sale Unit	€
	**HERZ thermostatic head “D” DE LUXE, chrome** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 8°C, set point range 0–30°C.	1 **9239** 41	**1**	
	HERZ thermostatic head “D” DE LUXE, white (RAL 9010)	1 **9239** 44	**1**	
	HERZ thermostatic head “D” DE LUXE, matt black	1 **9239** 49	**1**	

Thermostatic heads “D” DE LUXE with clamps or snap fastener

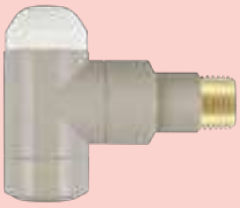
	**HERZ thermostatic head “D” DE LUXE, colour Pergamum** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 8°C, set point range 0–30°C.	S **9239** 01	**1**	
	Colour Aegean	S **9239** 02	**1**	
	Colour Manhattan	S **9239** 03	**1**	
	Colour Edelweiss	S **9239** 04	**1**	
	Colour Calypso	S **9239** 05	**1**	
	Colour Bahama Beige	S **9239** 06	**1**	
	Colour Greenwich	S **9239** 07	**1**	
	Colour Jasmine	S **9239** 08	**1**	
	Colour Natural	S **9239** 09	**1**	
	Colour Ultramarine Blue (RAL 5002)	S **9239** 10	**1**	
	Colour Flame Red (RAL 3000)	S **9239** 11	**1**	
	Colour Ruby Red (RAL 3003)	S **9239** 12	**1**	
	Colour Signal Blue (RAL 5005)	S **9239** 13	**1**	
	Colour Golden Yellow (RAL 1004)	S **9239** 14	**1**	
	Colour Light Ivory (RAL 1015)	S **9239** 15	**1**	

Additional colours available on request.

TS-90 thermostatic valves DE LUXE with threaded connection M 28 x 1.5

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-90 thermostatic valve DE LUXE straight model, chrome** Radiator connection R ½“, with cone to the valve, pipe connection designed as a universal model for threaded pipes ½“ or compression adapter connection.	**1/2**	1 **7923** 41	**1**	
	White (RAL 9010)		1 **7923** 44	**1**	
	Matt black		1 **7923** 49	**1**	
	**HERZ-TS-90 thermostatic valve DE LUXE Angle model, chrome** as 1 **7923** 41.	**1/2**	1 **7924** 41	**1**	
	White (RAL 9010)		1 **7924** 44	**1**	
	Matt black		1 **7924** 49	**1**	
	**HERZ-TS-90 thermostatic valve DE LUXE Reverse angle model, chrome** as 1 **7923** 41.	**1/2**	1 **7928** 41	**1**	
	White (RAL 9010)		1 **7928** 44	**1**	
	Matt black		1 **7928** 49	**1**	
	**HERZ-TS-90 thermostatic valve DE LUXE 3-axis valve “AB”, chrome** Valve to left of radiator. as 1 **7923** 41.	**1/2**	1 **7958** 41	**1**	
	White (RAL 9010)		1 **7958** 44	**1**	
	Matt black		1 **7958** 49	**1**	
	**HERZ-TS-90 thermostatic valve DE LUXE 3-axis valve “CD”, chrome** Valve to right of radiator. as 1 **7923** 41.	**1/2**	1 **7959** 41	**1**	
	White (RAL 9010)		1 **7959** 44	**1**	
	Matt black		1 **7959** 49	**1**	

TS-90 thermostatic valves DE LUXE, universal models with threaded connection M 28 x 1.5

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-90-thermostatic valve DE LUXE** **Angle model, colour Pergamum** Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**1/2**	S **7924** 01	**1**	
	Colour Aegean	**1/2**	S **7924** 02	**1**	
	Colour Manhattan	**1/2**	S **7924** 03	**1**	
	Colour Edelweiss	**1/2**	S **7924** 04	**1**	
	Colour Calypso	**1/2**	S **7924** 05	**1**	
	Colour Bahama Beige	**1/2**	S **7924** 06	**1**	
	Colour Greenwich	**1/2**	S **7924** 07	**1**	
	Colour Jasmine	**1/2**	S **7924** 08	**1**	
	Colour Natural	**1/2**	S **7924** 09	**1**	
	Colour Ultramarine Blue (RAL 5002)	**1/2**	S **7924** 10	**1**	
	Colour Flame Red (RAL 3000)	**1/2**	S **7924** 11	**1**	
	Colour Ruby Red (RAL 3003)	**1/2**	S **7924** 12	**1**	
	Colour Signal Blue (RAL 5005)	**1/2**	S **7924** 13	**1**	
	Colour Golden Yellow (RAL 1004)	**1/2**	S **7924** 14	**1**	
	Colour Light Ivory (RAL 1015)	**1/2**	S **7924** 15	**1**	

Other designs in other colours – straight model, reverse angle model, 3-axis valves “AB” and “CD” – available upon request.

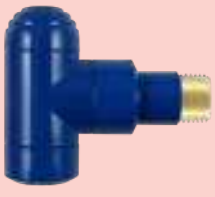
Chrome	Edelweiss	Ultramarin Blue RAL 5002
Matt black	Calypso	Flame Red RAL 3000
White RAL 9010	Bahama Beige	Ruby Red RAL 3003
Pergamum	Greenwich	Signal Blue RAL 5005
Aegean	Jasmine	Golden Yellow RAL 1004
Manhattan	Natural	Light Ivory RAL 1015

Colour deviations possible due to printing technology!

Return valves DE LUXE, universal models
with pre-setting via stroke limitation

Model		Dim.	Order number	Sale Unit	€
	**HERZ return valve DE LUXE straight model, chrome** With pre-setting via stroke limitation, radiator connection R ½“, with cone to the valve, pipe connection designed as a universal model for threaded pipes ½“ or compression adapter connection.	**1/2**	1 **3725** 41	**1**	
	White (RAL 9010)		1 **3725** 44	**1**	
	Matt black		1 **3725** 49	**1**	
	**HERZ return valve DE LUXE angle model, chrome** With pre-setting via stroke limitation, radiator connection R ½“, with cone to the valve, pipe connection designed as a universal model for threaded pipes ½“ or compression adapter connection.	**1/2**	1 **3726** 41	**1**	
	White (RAL 9010)		1 **3726** 44	**1**	
	Matt black		1 **3726** 49	**1**	

Return valves DE LUXE, universal models
with pre-setting via stroke limitation

	**HERZ return valve DE LUXE angle model, colour Pergamum** With pre-setting via stroke limitation, radiator connection R ½“, with cone to the valve, pipe connection designed as a universal model for threaded pipes ½“ or compression adapter connection.	**1/2**	S **3726** 01	**1**	
	Colour Aegean	**1/2**	S **3726** 02	**1**	
	Colour Manhattan	**1/2**	S **3726** 03	**1**	
	Colour Edelweiss	**1/2**	S **3726** 04	**1**	
	Colour Calypso	**1/2**	S **3726** 05	**1**	
	Colour Bahama Beige	**1/2**	S **3726** 06	**1**	
	Colour Greenwich	**1/2**	S **3726** 07	**1**	
	Colour Jasmine	**1/2**	S **3726** 08	**1**	
	Colour Natural	**1/2**	S **3726** 09	**1**	
	Colour Ultramarine Blue (RAL 5002)	**1/2**	S **3726** 10	**1**	
	Colour Flame Red (RAL 3000)	**1/2**	S **3726** 11	**1**	
	Colour Ruby Red (RAL 3003)	**1/2**	S **3726** 12	**1**	
	Colour Signal Blue (RAL 5005)	**1/2**	S **3726** 13	**1**	
	Colour Golden Yellow (RAL 1004)	**1/2**	S **3726** 14	**1**	
	Colour Light Ivory (RAL 1015)	**1/2**	S **3726** 15	**1**	

HERZ return valves DE LUXE coloured as straight model are available upon request.

Chrome	Edelweiss	Ultramarin Blue RAL 5002
Matt black	Calypso	Flame Red RAL 3000
White RAL 9010	Bahama Beige	Ruby Red RAL 3003
Pergamum	Greenwich	Signal Blue RAL 5005
Aegean	Jasmine	Golden Yellow RAL 1004
Manhattan	Natural	Light Ivory RAL 1015

Colour deviations possible due to printing technology!

Heating

Compression adapters for universal models DE LUXE TS-90 and RL-1

Model		Colour	Order number	Sale Unit	€
	**HERZ compression adapter DE LUXE with nut and olive** compression adapter connection G ½“ x 15 mm, suitable for soft steel pipes and copper pipes.	Chrome	1 **6292** 41	1	
		White (RAL 9010)	1 **6292** 44	1	
		Matt black	1 **6292** 49	1	

Compression adapters for universal models DE LUXE, sanitary colours

	**HERZ compression adapter DE LUXE with nut and olive** compression adapter connection G ½“ x 15 mm, suitable for soft steel pipes and copper pipes.	Pergamum	S **6292** 01	1	
		Aegean	S **6292** 02	1	
		Manhattan	S **6292** 03	1	
		Edelweiss	S **6292** 04	1	
		Calypso	S **6292** 05	1	
		Bahama Beige	S **6292** 06	1	
		Greenwich	S **6292** 07	1	
		Jasmine	S **6292** 08	1	
		Natural	S **6292** 09	1	
		Ultramarine Blue (RAL 5002)	S **6292** 10	1	
		Flame Red (RAL 3000)	S **6292** 11	1	
		Ruby Red (RAL 3003)	S **6292** 12	1	
		Signal Blue (RAL 5005)	S **6292** 13	1	
		Golden Yellow (RAL 1004)	S **6292** 14	1	
		Light Ivory (RAL 1015)	S **6292** 15	1	

Compression adapter covers DE LUXE

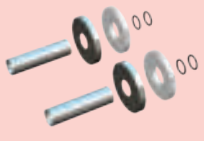
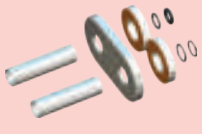
	**HERZ compression adapter cover DE LUXE** for compression adapter connections 1 **6292** 01 - G ½” x 15 mm.	Chrome	1 **6281** 41	1	
		White (RAL 9010)	1 **6281** 44	1	
		Matt black	1 **6281** 49	1	

Compression adapter covers DE LUXE, sanitary colours

	**HERZ compression adapter cover DE LUXE** for compression adapter connections 1 **6292** 01 - G ½” x 15 mm.	Pergamum	S **6281** 21	1	
		Aegean	S **6281** 22	1	
		Manhattan	S **6281** 23	1	
		Edelweiss	S **6281** 24	1	
		Calypso	S **6281** 25	1	
		Bahama Beige	S **6281** 26	1	
		Greenwich	S **6281** 27	1	
		Jasmine	S **6281** 28	1	
		Natural	S **6281** 29	1	
		Ultramarine Blue (RAL 5002)	S **6281** 30	1	
		Flame Red (RAL 3000)	S **6281** 31	1	
		Ruby Red (RAL 3003)	S **6281** 32	1	
		Signal Blue (RAL 5005)	S **6281** 33	1	
		Golden Yellow (RAL 1004)	S **6281** 34	1	
		Light Ivory (RAL 1015)	S **6281** 35	1	

DE LUXE accessories

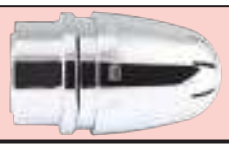
Model		Connection	Order number	Sale Unit	€
	**Hand wheel DE LUXE, white** for HERZ thermostatic valves that are not equipped with a HERZ thermostatic head, in white.	**M 28 x 1,5**	S **9102** 44	**1**	
	Hand wheel DE LUXE, chrome for HERZ thermostatic valves that are not equipped with a HERZ thermostatic head, chrome-plated.	**M 28 x 1,5**	S **9102** 41	**1**	
	**HERZ-T-piece DE LUXE, white** with connection option for heating cartridge. Heating cartridge connection 1/2 - female thread with O-ring, radiator connection G 1/2. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator.	**G 1/2**	S **1002** 44	**10**	
	HERZ-T-piece DE LUXE, chrome with connection option for heating cartridge. Heating cartridge connection 1/2 - female thread with O-ring, radiator connection G 1/2. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator.	**G 1/2**	S **1002** 41	**10**	
	**HERZ-integrated shutoff valve DE LUXE, white** Left version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	**G 1/2**	S **3720** 24	**10**	
	HERZ-integrated shutoff valve DE LUXE, chrome Left version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	**G 1/2**	S **3720** 21	**10**	
	HERZ-integrated shutoff valve DE LUXE, white Right version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	**G 1/2**	S **3720** 44	**10**	
	HERZ-integrated shutoff valve DE LUXE, chrome Right version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	**G 1/2**	S **3720** 41	**10**	

Model		Connection	Order number	Sale Unit	€
	**Pipe covering set, loose, chrome** Incl. double-sided adhesive tape, sleeve pipe 70 mm long, suitable for pipes with an outer diameter of 16 mm, diameter of rosette 55 mm.	**Ø 55**	S **6822** 00	**10**	
	**Pipe covering plate, chrome** Pipe centre spacing 50 mm. Incl. double-sided adhesive tape, sleeve pipe 70 mm long, suitable for pipes with an outside diameter of 16 mm, diameter of rosette 55 mm. Dimensions of double rosette 105 x 8 mm.	**L x H:** **105 x 8 mm**	S **6822** 01	**10**	
	**Adapter - M 22 x 1.5 - Rp 1/2 - design chrome** for threaded steel pipes.	**M 22 x 1.5 -** **Rp 1/2**	S **6220** 22	**10**	

Heating

Thermostatic head MINI DE LUXE with threaded connection M 28 x 1.5

Suitable for TS-3000 connection sets and VUA-40/50 four-port valves

Model		Order number	Sale Unit	€
	**HERZ thermostatic head MINI DE LUXE, chrome** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 8 °C, set point range 0–30 °C.	1 **9200** 41	**20**	

Thermostatic head MINI “H” DE LUXE with threaded connection M 30 x 1.5

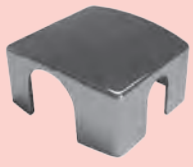
Suitable for TS-3000 connection sets and VUA-40/50 four-port valves

	**HERZ thermostatic head MINI “H” DE LUXE, chrome** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring, frost protection adjustable at approx. 8 °C, set value range 0–30 °C.	1 **9200** 48	**1**	
	Colour White (RAL 9010)	1 **9200** 35	**1**	

Design cover DE LUXE for HERZ-3000 (matching TS-3000 connection sets)

	**HERZ design cover, colour white (RAL 9010)** for HERZ-3000 bypass body and connection parts with integrated thermostatic valve; with snap mechanism; Matching TS-3000 connection sets - in combination with thermostatic heads MINI DE LUXE 1 **9200** 41, 1 **9200** 48 and 1 **9200** 35.	1 **0115** 01	**1**	
	Colour Traffic white (RAL 9016)	1 **0115** 02	**1**	
	Colour Chrome	1 **0115** 03	**1**	

Design cover DE LUXE for VUA four-port valves (matching VUA-40/50 four-port valves)

	**HERZ design cover, surface white (RAL 9010)** Plastic cover, matching VUA-50 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 35.	1 **0110** 21	**10**	
	HERZ design cover, surface white (RAL 9010) Plastic cover, matching VUA-40 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 30/60.	1 **0112** 21	**10**	
	**HERZ design cover, surface white (RAL 9016)** Plastic cover, matching VUA-50 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 38/68.	1 **0110** 22	**10**	
	HERZ design cover, surface white (RAL 9016) Plastic cover, matching VUA-40 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 30/60.	1 **0112** 22	**10**	
	**HERZ design cover, surface chrome** Plastic cover, matching VUA-50 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 48.	1 **0110** 41	**10**	
	HERZ design cover, surface chrome Plastic cover, matching VUA-40 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 41.	1 **0112** 41	**10**	

DE LUXE spare parts

Model		Connection	Order number	Sale Unit	€
	**Radiator connection design chrome** with freely-rotating nut, both sides sealed with O-ring.	**G 1/2 - G 3/4**	S **6252** 11	**10**	
	**Radiator connection with immersion tube design chrome** both sides sealed with O-ring, immersion pipe length L = 290 mm.	**G 1/2 - G 3/4**	S **6226** 51	**10**	
	**Control and isolating upper part** Suitable as replacement part for DE LUXE-3000, DE LUXE-3000-TS and DE LUXE-RL.	**M 20 x 1.5**	S **6301** 01	**1**	

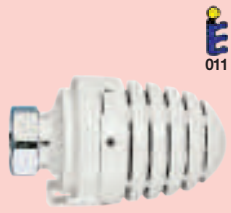


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Thermostatic Heads

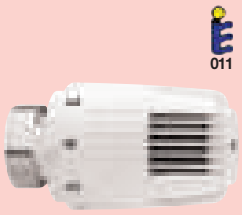
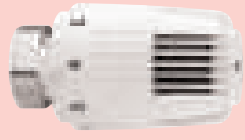
Design thermostatic heads with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

Model		Order number	Sale Unit	€
	**HERZ design thermostatic head** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Design development in cooperation with “**Porsche Design GmbH**”, Zell am See.	1 **9230** 06	**20**	
	**HERZ design thermostatic head** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Design development in cooperation with “**Porsche Design GmbH**”, Zell am See.	1 **9260** 06	**20**	

Thermostatic heads with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

	**HERZ thermostatic head** with liquid sensor (hydrosensor), set point range 0–28 °C, mechanical shutoff (“0 setting”), frost protection adjustable at approx. 8 °C. limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **7230** 06	**20**	
	**HERZ thermostatic head** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **7260** 06	**20**	
	**HERZ thermostatic head for elevated flow rates in proportional range** set point range 8–25 °C, automatic frost protection at approx. 12 °C. limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **7262** 00	**1**	

Thermostatic heads in robust design “HERZCULES” with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

Model		Order number	Sale Unit	€
	**“HERZCULES”, HERZ thermostatic head, robust design to prevent vandalism, theft and unauthorised operation.** With liquid sensor (hydrosensor), set point range 8–26 °C, with automatic frost protection. Mounting and removal only possible with tightening tool 1 **9554** 01 and Allen key 1 **6616** 00 (both must be ordered separately). Setting of the set point with unlocking tool 1 **9554** 00 (enclosed), set point adjustment is locked. Setting indicator remains concealed in locked position.	1 **9860** 10	**20**	
	**“HERZCULES”, HERZ thermostatic head, robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction.** The maximum temperature value set with the locked set point setting can be reduced externally by 10 K by means of a coin slot operation without changing the locked base setting. Other version as 1 **9860** 10.	1 **9861** 10	**20**	
	“HERZCULES”, HERZ thermostatic head, robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction. The maximum temperature value set with the locked set point setting can be reduced externally by 4 K without changing the locked base setting. Other version as 1 **9860** 10.	1 **9861** 40	**20**	

Design thermostatic heads MINI with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

	**HERZ design thermostatic head MINI** with liquid sensor (hydrosensor), set point range 3–27 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately). Dimensions: Length 75 mm, hand wheel diameter 45 mm.	1 **9200** 30	**20**	
	HERZ design thermostatic head MINI with liquid sensor (hydrosensor), set point range 8–27 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately). Dimensions: Length 75 mm, hand wheel diameter 45 mm.	1 **9200** 60	**20**	
	**HERZ design thermostatic head MINI GS** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 03	**20**	
	HERZ design thermostatic head MINI GS with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Restriction and blocking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 06	**20**	
	**HERZ design thermostatic head MINI, “Turbo”** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 13	**20**	
	HERZ design thermostatic head MINI, “Turbo” with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Restriction and blocking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 16	**20**	

Design hand wheel M 28 x 1.5

Model		Order number	Sale Unit	€
	**HERZ design hand wheel** for HERZ thermostatic valves that are not equipped with a HERZ thermostatic head.	1 **9102** 80	**20**	

Thermostat with remote adjustment and threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

	**HERZ thermostat with remote adjustment, suitable for mounting in flush boxes,** for HERZ thermostatic valves, thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment, set point range 6–28 °C, limitation and locking of the set point range not possible, frost protection at approx. 6 °C. Capillary tube length 2000 mm.	1 **9352** 00	**5**	
	Capillary tube length 5000 mm.	1 **9355** 00	**5**	
	Capillary tube length 8000 mm.	1 **9358** 00	**5**	

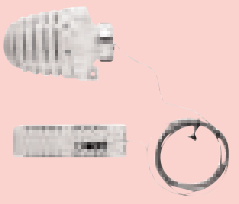
Design thermostats with remote adjustment with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

	**HERZ design thermostat with remote adjustment** Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment. Set point range 2–28 °C, frost protection adjustable at approx. 7 °C. Restriction and blocking of the set point range possible. Capillary tube length 2000 mm.	1 **9330** 05	**5**	
	Capillary tube length 5000 mm.	1 **9330** 10	**5**	
	Capillary tube length 8000 mm.	1 **9330** 18	**1**	
	Capillary tube length 10000 mm.	1 **9330** 20	**5**	

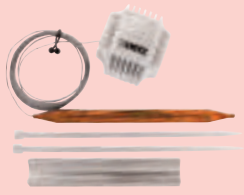
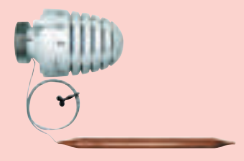
Design thermostats with remote sensor, threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

	**HERZ design thermostat with remote sensor** Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Capillary tube length 2000 mm.	1 **9430** 08	**10**	
	Capillary tube length 8000 mm.	1 **9430** 18	**1**	
	HERZ design thermostat with remote sensor Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Capillary tube length 2000 mm.	1 **9460** 06	**10**	
	Capillary tube length 8000 mm.	1 **9460** 18	**1**	

Thermostats with contact sensor and threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

Model		Order number	Sale Unit	€
	**HERZ thermostat with contact sensor for surface heating and cooling** Thermostatic head with liquid sensor (hydrosensor), capillary tube, pipe contact sensor and fastening material for the pipeline. Set point range 10–40 °C, capillary tube length 2000 mm.	1 **7419** 00	**10**	
	HERZ thermostat with contact sensor for floor heating Thermostatic head with liquid sensor (hydrosensor), capillary tube, pipe contact sensor and fastening material for the pipeline. Set point range 20–50 °C, capillary tube length 2000 mm.	1 **7420** 06	**10**	
	HERZ thermostat with contact sensor For boiler supply temperature regulation Thermostatic head with liquid sensor (hydrosensor), capillary tube, pipe contact sensor and fastening material for the pipeline. Set point range 40–70 °C, capillary tube length 2000 mm.	1 **7421** 00	**10**	
	**HERZ thermostatic head with contact or immersion sensor** Temperature range 50 °C to 55 °C, threaded connection M 28 x 1.5, HERZ closing dimension and 4 mm stroke, liquid sensor and capillary tube 2000 mm. Suitable for installation on regulating valves 4006, 7217-V and 7217-GV.	1 **9421** 36	**10**	

Design thermostatic heads “H” with threaded connection M 30 x 1.5

Model		Order number	Sale Unit	€
	**HERZ design thermostatic head “H”** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Design development in cooperation with **“Porsche Design GmbH”**, Zell am See.	1 **9230** 98	**20**	
	HERZ design thermostatic head “H” with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Design development in cooperation with **“Porsche Design GmbH”**, Zell am See.	1 **9260** 98	**20**	

Thermostatic heads “H” in robust design “HERZCULES” with threaded connection M 30 x 1.5

	**“HERZCULES”, HERZ thermostatic head “H” robust design to prevent vandalism, theft and unauthorised operation.** With liquid sensor (hydrosensor), set point range 8–26 °C, with automatic frost protection. Mounting and removal only possible with tightening tool 1 **9554** 01 and Allen key 1 **6616** 00. Setting of the set point with unlocking tool 1 **9554** 00 (enclosed), set point setting locked. Setting indicator remains concealed in locked position.	1 **9860** 98	**20**	
	**“HERZCULES”, HERZ thermostatic head “H” robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction.** The maximum temperature value set with the locked set point setting can be lowered externally by 10 K without changing the locked base setting. Other version as 1 **9860** 98.	1 **9861** 98	**20**	
	“HERZCULES”, HERZ thermostatic head “H” robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction. The maximum temperature value set with the locked set point setting can be reduced externally by 4 K without changing the locked base setting. Other version as 1 **9860** 98.	1 **9861** 48	**20**	

Thermostatic head “H” with threaded connection M 30 x 1.5

	**HERZ thermostatic head “H”** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **7260** 98	**20**	

Design thermostatic heads MINI “H” with threaded connection M 30 x 1.5

Model		Order number	Sale Unit	€
	**HERZ design thermostatic head MINI “H”** with liquid sensor (hydrosensor), set point range 3–27 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately). Dimensions: Length 78 mm, hand wheel diameter 45 mm.	1 **9200** 38	**20**	
	**HERZ design thermostatic head MINI “H”** with liquid sensor (hydrosensor), set point range 8–27 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately). Dimensions: Length 78 mm, hand wheel diameter 45 mm.	1 **9200** 68	**20**	
	**HERZ design thermostatic head MINI “H” with straight slits** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 83	**20**	
	HERZ design thermostatic head MINI “H” with straight slits with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Restriction and blocking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 86	**20**	
	**HERZ design thermostatic head MINI-Turbo “H”** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 93	**20**	
	HERZ design thermostatic head MINI-Turbo “H” with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Restriction and blocking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately).	1 **9200** 96	**20**	

Design hand wheel “H” with threaded connection M 30 x 1.5

	**HERZ design hand wheel “H”** for direct mounting to valve inserts with threaded connection M 30 x 1.5 not equipped with a thermostatic head.	1 **9102** 98	**20**	

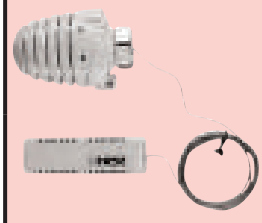
Thermostat “H” with remote adjustment with threaded connection M 30 x 1.5

Model		Order number	Sale Unit	€
	**HERZ thermostat “H” with remote adjustment suitable for mounting in flush boxes**. Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment, set point range 6–28 °C, limitation and locking of the set point range not possible, frost protection at approx. 9 °C, capillary tube length 2000 mm.	1 **9352** 98	**5**	
	Capillary tube length 5000 mm.	1 **9355** 98	**5**	
	Capillary tube length 8000 mm.	1 **9358** 98	**5**	

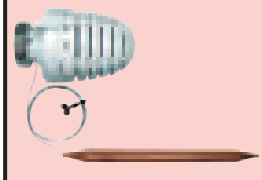
Design thermostat “H” with remote adjustment, with threaded connection M 30 x 1.5

	**HERZ design thermostat with remote adjustment** Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment. Set point range 2–28 °C, frost protection adjustable at approx. 7 °C. Limitation and locking of the set point range possible. Capillary tube length 2000 mm.	1 **9330** 98	**10**	

Design thermostats “H” with remote adjustment or remote sensor with threaded connection M 30 x 1.5

	**HERZ design thermostat “H” with remote sensor** Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Capillary tube length 2000 mm. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **9430** 98	**10**	
	HERZ design thermostat “H” with remote sensor Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 8–28 °C, automatic frost protection at approx. 8 °C. Capillary tube length 2000 mm. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **9460** 98	**10**	

Design thermostat “H” with contact sensor, with threaded connection M 30 x 1.5

	**HERZ thermostat with contact sensor** Thermostat with liquid sensor (hydrosensor), capillary tube, set point range 40–70 °C, incl. 2x limiting pins. Capillary tube length: approx. 500 mm.	1 **9421** 98	**20**	
	HERZ thermostat with contact sensor Thermostat with liquid sensor (hydrosensor), capillary tube, set point range 20–50 °C. Capillary tube length: approx. 2000 mm.	1 **9420** 88	**10**	

Design thermostatic heads “D” with clamps or snap fastener

Model		Order number	Sale Unit	€
	**HERZ design thermostatic head “D”** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Design development in cooperation with **“Porsche Design GmbH”**, Zell am See.	1 **9230** 99	**20**	
	HERZ design thermostatic head “D” with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Design development in cooperation with **“Porsche Design GmbH”**, Zell am See.	1 **9260** 99	**20**	
	**HERZ thermostatic head “D”** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range possible.	1 **7260** 99	**20**	

Thermostatic head “D” M 30 x 1.5

	**HERZ thermostatic head “D” M 30 x 1.5** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **9260** 89	**20**	

Thermostatic head Mini “D” with clamps or snap fastener

	**HERZ design thermostatic head MINI “D”,** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Dimensions: Length 88 mm, hand wheel diameter 45 mm. Only suitable in combination with integrated radiator valve (e.g. Vogel & Noot).	1 **9200** 99	**20**	
	**HERZ design thermostatic head MINI “D”,** with liquid sensor (hydrosensor), set point range 0–30 °C, with setting “0”, automatic frost protection at approx. 8 °C. Dimensions: Length 88 mm, hand wheel diameter 45 mm. Only suitable in combination with integrated radiator valve (e.g. Vogel & Noot).	1 **9200** 09	**20**	

Thermostatic head „D“ model LINZ AG with clamps or snap fastener

Model		Order number	Sale Unit	€
	**LINZ AG-Design-thermostatic head „D“** with liquid sensor (hydrosensor), set point range 0-30 °C, with setting “0”, with frost protection at approx. 8 °C, limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately).	1 **9230** 29	**20**	

Thermostats “D” with remote adjustment with clamps or snap fastener

	**HERZ thermostat “D” with remote adjustment suitable for mounting in flush boxes.** Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment, set point range 6–28 °C, limitation and locking of the set point range not possible, capillary tube length 2000 mm.	1 **9352** 99	**5**	
	Capillary tube length 5000 mm.	1 **9355** 99	**5**	
	Capillary tube length 8000 mm.	1 **9358** 99	**5**	

Design thermostat “D” with remote adjustment, with clamps or snap fastener

	**HERZ design thermostat “D” with remote adjustment** Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment. Set point range 2–28 °C, frost protection at approx. 7 °C. Limitation and locking of the set point range possible. Capillary tube length 2000 mm.	1 **9330** 99	**5**	

Design hand wheel “D” with clamps or snap fastener

	**HERZ design hand wheel “D”** for direct mounting to Danfoss valve inserts with clamps or snap fastener that are not equipped with a thermostatic head.	1 **9102** 99	**20**	

Thermostatic heads in special designs with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

Model		Order number	Sale Unit	€
	**HERZ thermostatic head for applications with elevated heat demand** set point range 11–35 °C, automatic frost protection at approx. 8 °C.	1 **7260** 35	**20**	

Thermostatic head for HERZ thermostatic valves year of manufacture from 1973 to 1977

	**HERZ thermostatic head** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately), suitable for HERZ thermostatic valves manufactured from 1973 to 1977.	1 **7235** 01	**20**	

Special thermostatic heads
Design thermostatic heads for Vaillant valves

	**HERZ design thermostatic head for Vaillant thermostatic valves** with liquid sensor (hydrosensor), set point range 8–28 °C, automatic frost protection at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 03 possible (must be ordered separately). Connection diameter 31 mm.	1 **9260** 11	**6**	

Design thermostatic head for “MMA” valves

	**HERZ design thermostatic head** with liquid sensor (hydrosensor), set point range 8–28 °C, frost protection adjustable at approx. 8 °C. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately). As of year of manufacture 1988.	1 **9200** 69	**20**	

Thermostatic head for Armal thermostatic valves

	**HERZ design thermostatic head MINI for “Armal” valves** with liquid sensor (hydrosensor), set point range 0–30 °C, frost protection adjustable at approx. 8 °C, M 24 x 1.5. Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately), Prior to year of manufacture 1999.	1 **9200** 24	**20**	

Presetting hand wheel

Model		Dim.	Order number	Sale Unit	€
	**Presetting hand wheel** for regulating the water quantity of thermostatic valves M 28 x 1.5.		1 **7740** 63	**1**	

Insertion pocket

	**Brass insertion pocket** for 7420/7421 with screw-in thread 1/2.		1 **6313** 01	**20**	

Thermostat adapter for installing HERZ thermostatic heads with threaded connection M 28 x 1.5*

	**Thermostat adapter ring for T&A thermostatic valves** Threaded connection M 28 x 1.5.		1 **6350** 03	**1**	
	Thermostat adapter ring "H" Threaded connection M 30 x 1.5.		1 **6357** 11	**1**	
	Thermostat adapter ring for Watts, Cazzaniga Threaded connection M 30 x 1.5.		1 **6357** 12	**1**	
	**Thermostat adapter ring "D"** for integrated radiator valves with Danfoss thermostatic inserts.	**M 20 x 1**	1 **6362** 01	**1**	
	Thermostat adapter ring "D" for integrated radiator valves with Danfoss thermostatic inserts.	**M 23.5 x 1.5**	1 **6362** 11	**1**	
	**Thermostat adapter ring "D" "HERZCULES" and "ETK/ETKF+"** for installing "HERZCULES" thermostatic heads on Danfoss valves and for installing HERZ ETK / ETKF+ on Danfoss valves and thermostatic inserts.	**Ø 23**	1 **6362** 00	**1**	
	Thermostat adapter ring "D" "HERZCULES" for installing "HERZCULES" thermostatic heads on integrated radiator valves with Danfoss thermostatic inserts.	**M 20 x 1**	1 **6362** 20	**1**	
	Thermostat adapter ring "D" "HERZCULES" for installing "HERZCULES" thermostatic heads on integrated radiator valves with Danfoss thermostatic inserts.	**M 23.5 x 1.5**	1 **6362** 23	**1**	
	**Thermostat adapter for Caleffi for installing HERZ thermostatic heads with threaded connection M 30 x 1.5.**		1 **6351** 01	**1**	

Accessories

Model		Dim.	Order number	Sale Unit	€
	**HERZ metal isolating cap** Brass isolating cap for HERZ thermostatic valves M 28 x 1.5. Brass version.		1 **6329** 30	**20**	
	As above, but nickel-plated.		1 **6329** 31	**20**	

***) Adapters cannot be used in connection with actuators.**

Accessories and tools for HERZ thermostatic heads

Model		Order number	Sale Unit	€
	**Theft protection** Snap clips, opening with universal key 1 **6640** 00, for HERZ thermostatic heads series 7000 and 9000 with threaded connection M 28 x 1.5.	1 **9552** 03	**20**	
	Theft protection “H” Snap clips, opening with universal key 1 **6640** 00, for HERZ thermostatic heads series 7000 and 9000, threaded connection M 30 x 1.5.	1 **9552** 98	**20**	
	Theft protection for series “D” Snap clips, opening with universal key 1 **6640** 00, for HERZ thermostatic heads series 7000 and 9000.	1 **9552** 99	**20**	
	Cover sleeve for fastening nut of HERZ thermostatic heads DE LUXE. Threaded connection M 28 x 1.5. Standard length l = 21.7 mm.	1 **9553** 44	**20**	
	Cover sleeve for HERZ thermostatic head MINI. Threaded connection M 28 x 1.5. Standard length l = 17 mm.	1 **9596** 44	**20**	
	Cover sleeve “H” Standard length l = 20 mm. Threaded connection M 30 x 1.5.	1 **9553** 98	**20**	
	Cover sleeve “H” and HERZ thermostat - “MINI-H” Short version l = 17 mm. Threaded connection M 30 x 1.5.	1 **9597** 44	**20**	
	Cover sleeve “D” for HERZ thermostatic heads of series “D” with clip or snap fastener. Standard length l = 27.5 mm.	1 **9599** 44	**20**	
	**Limiting pin set** for limitation and locking of the set point range for HERZ thermostatic heads series 7000 and 9000 (4 pieces).	1 **9551** 03	**20**	
	Limiting pin for HERZ thermostatic heads series MINI. Not suitable for Mini “D” 1 **9200** 99 (2 pieces).	1 **9551** 02	**20**	
	**Unlocking tool “HERZCULES”** for setting the set point. Enclosed with the thermostatic head ex works.	1 **9554** 00	**1**	
	**Tightening tool “HERZCULES”** for installing the “HERZCULES” thermostatic head to the thermostatic valve. Must be ordered separately.	1 **9554** 01	**1**	

Keys and tools

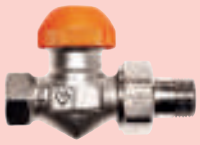
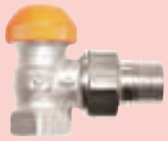
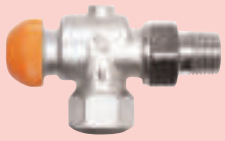
Model		Order number	Sale Unit	€
	**2 mm Allen key** for installation of “Herzcules” thermostatic heads.	1 **6616** 00	**1**	



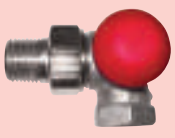
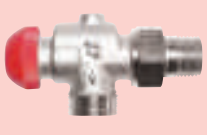
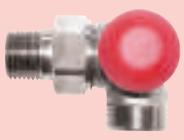
3

Thermostatic Valves

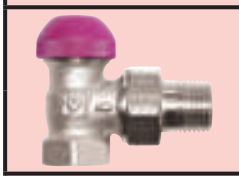
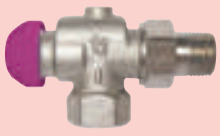
TS-98-V thermostatic valves with continuous pre-setting and readout

Model		kvs	Dim.	Order number	Sale Unit	€
	**HERZ-TS-98-V thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Setting key 1 **6819** 98 must be ordered separately.	**1.0**	**3/8**	1 **7623** 65	**20**	
		1.1	**1/2**	1 **7623** 67	**20**	
		1.1	**3/4**	1 **7623** 69	**20**	
	**HERZ-TS-98-V thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Setting key 1 **6819** 98 must be ordered separately.	**1.2**	**3/8**	1 **7624** 65	**20**	
		1.2	**1/2**	1 **7624** 67	**20**	
		1.3	**3/4**	1 **7624** 69	**20**	
	**HERZ-TS-98-V thermostatic valve** **Reverse angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Setting key 1 **6819** 98 must be ordered separately.	**1.2**	**3/8**	1 **7628** 65	**20**	
		1.2	**1/2**	1 **7628** 67	**20**	
	**HERZ-TS-98-V thermostatic valve** **3-axis valve "AB"** Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection. Setting key 1 **6819** 98 must be ordered separately.	**1.2**	**1/2**	1 **7658** 67	**20**	
	**HERZ-TS-98-V thermostatic valve** **3-axis valve "CD"** Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection. Setting key 1 **6819** 98 must be ordered separately.	**1.2**	**1/2**	1 **7659** 67	**20**	
	**HERZ-TS-98-V thermostatic valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone. Setting key 1 **6819** 98 must be ordered separately.	**1.1**	**1/2**	1 **7633** 67	**20**	
	**HERZ-TS-98-V thermostatic valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.2**	**1/2**	1 **7638** 67	**20**	
	**HERZ-TS-98-V thermostatic valve** **Reverse angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone. Setting key 1 **6819** 98 must be ordered separately.	**1.2**	**1/2**	1 **7648** 67	**20**	
	**HERZ-TS-98-V thermostatic valve** **3-axis valve "AB"** Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone. Setting key 1 **6819** 98 must be ordered separately.	**1.2**	**1/2**	1 **7645** 67	**20**	
	**HERZ-TS-98-V thermostatic valve** **3-axis valve "CD"** Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone. Setting key 1 **6819** 98 must be ordered separately.	**1.2**	**1/2**	1 **7646** 67	**20**	

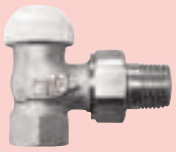
TS-90-V thermostatic valves with continuous, concealed pre-setting

Model		kvs	Dim.	Order number	Sale Unit	€
	**HERZ-TS-90-V thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1.0**	**3/8**	1 **7723** 65	**20**	
		1.1	**1/2**	1 **7723** 67	**20**	
		1.1	**3/4**	1 **7723** 69	**20**	
	**HERZ-TS-90-V thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1.2**	**3/8**	1 **7724** 65	**20**	
		1.2	**1/2**	1 **7724** 67	**20**	
		1.3	**3/4**	1 **7724** 69	**20**	
	**HERZ-TS-90-V thermostatic valve** **Reverse angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1.2**	**3/8**	1 **7728** 65	**20**	
		1.2	**1/2**	1 **7728** 67	**20**	
	**HERZ-TS-90-V thermostatic valve** **3-axis valve "AB"** Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**1.2**	**1/2**	1 **7758** 67	**20**	
	**HERZ-TS-90-V thermostatic valve** **3-axis valve "CD"** Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**1.2**	**1/2**	1 **7759** 67	**20**	
	**HERZ-TS-90-V thermostatic valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.1**	**1/2**	1 **7733** 67	**20**	
	**HERZ-TS-90-V thermostatic valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.2**	**1/2**	1 **7738** 67	**20**	
	**HERZ-TS-90-V thermostatic valve** **Reverse angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.2**	**1/2**	1 **7748** 67	**20**	
	**HERZ-TS-90-V thermostatic valve** **3-axis valve "AB"** Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.2**	**1/2**	1 **7745** 67	**20**	
	**HERZ-TS-90-V thermostatic valve** **3-axis valve "CD"** Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.2**	**1/2**	1 **7746** 67	**20**	

TS-99-FV-Thermostatic valves with ultra-fine 6 position pre-setting and readout 1/2

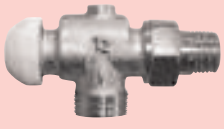
Model		kvs	Dim.	Order number	Sale Unit	€
	**HERZ-TS-99-FV thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**0.39**	**3/8**	1 **7523** 65	**20**	
		0.39	**1/2**	1 **7523** 67	**20**	
	**HERZ-TS-99-FV thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**0.39**	**3/8**	1 **7524** 65	**20**	
		0.39	**1/2**	1 **7524** 67	**20**	
	**HERZ-TS-99-FV thermostatic valve** **Reverse angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**0.39**	**3/8**	1 **7528** 65	**20**	
		0.39	**1/2**	1 **7528** 67	**20**	

TS-90-KV thermostatic valves with fixed kv values for district heating systems* 1/2

Model		Indicator	kv m³/h	Dim.	Order number	Sale Unit	€
	**HERZ-TS-90-KV thermostatic valve** **Straight model, dimension 1/2"** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**blue**	**0.06**	**1/2**	1 **7713** 69	**20**	
		green	**0.12**	**1/2**	1 **7713** 79	**20**	
		yellow	**0.25**	**1/2**	1 **7713** 89	**20**	
		white	**0.5**	**1/2**	1 **7713** 99	**20**	
	**HERZ-TS-90-KV thermostatic valve** **Angle model, dimension 1/2"** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**blue**	**0.06**	**1/2**	1 **7714** 69	**20**	
		green	**0.12**	**1/2**	1 **7714** 79	**20**	
		yellow	**0.25**	**1/2**	1 **7714** 89	**20**	
		white	**0.5**	**1/2**	1 **7714** 99	**20**	
	**HERZ-TS-90-KV thermostatic valve** **Straight model with elbow, dimension 1/2"** Radiator connection with 90° elbow with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**blue**	**0.06**	**1/2**	1 **7715** 69	**20**	
		green	**0.12**	**1/2**	1 **7715** 79	**20**	
		yellow	**0.25**	**1/2**	1 **7715** 89	**20**	
		white	**0.5**	**1/2**	1 **7715** 99	**20**	
	**HERZ-TS-90-KV thermostatic valve** **Reverse angle model, dimension 1/2"** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**blue**	**0.06**	**1/2**	1 **7718** 69	**20**	
		green	**0.12**	**1/2**	1 **7718** 79	**20**	
		yellow	**0.25**	**1/2**	1 **7718** 89	**20**	
		white	**0.5**	**1/2**	1 **7718** 99	**20**	
	**HERZ-TS-90-KV thermostatic valve** **3-axis valve "AB", dimension 1/2"** Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**blue**	**0.06**	**1/2**	1 **7716** 69	**20**	
		green	**0.12**	**1/2**	1 **7716** 79	**20**	
		yellow	**0.25**	**1/2**	1 **7716** 89	**20**	
		white	**0.5**	**1/2**	1 **7716** 99	**20**	
	**HERZ-TS-90-KV thermostatic valve** **3-axis valve "CD", dimension 1/2"** Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**blue**	**0.06**	**1/2**	1 **7717** 69	**20**	
		green	**0.12**	**1/2**	1 **7717** 79	**20**	
		yellow	**0.25**	**1/2**	1 **7717** 89	**20**	
		white	**0.5**	**1/2**	1 **7717** 99	**20**	

***) Other dimensions on request.**

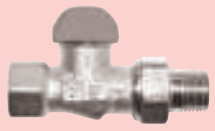
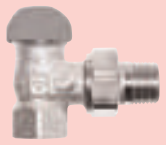
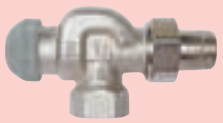
TS-90 thermostatic valves

Model		kvs	Dim.	Order number	Sale Unit	€
	**HERZ-TS-90 thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. 011	**0.85**	**3/8**	1 **7723** 90	**20**	
		1.1	**1/2**	1 **7723** 91	**20**	
		1.9	**3/4**	1 **7723** 92	**20**	
	Standard model with threaded socket	**4.20**	**1**	1 **7723** 93	**10**	
	**HERZ-TS-90 thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. 011	**0.85**	**3/8**	1 **7724** 90	**20**	
		1.1	**1/2**	1 **7724** 91	**20**	
		1.9	**3/4**	1 **7724** 92	**20**	
	Standard model with threaded socket	**4.20**	**1**	1 **7724** 93	**10**	
	**HERZ-TS-90 thermostatic valve** **Reverse angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**0.85**	**3/8**	1 **7728** 90	**20**	
		1.1	**1/2**	1 **7728** 91	**20**	
		1.9	**3/4**	1 **7728** 97	**20**	
	**HERZ-TS-90 thermostatic valve** **3-axis valve "AB"** Valve left of radiator. Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**0.85**	**3/8**	1 **7758** 90	**20**	
		1.1	**1/2**	1 **7758** 91	**20**	
	**HERZ-TS-90 thermostatic valve** **3-axis valve "CD"** Valve right of radiator. Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**0.85**	**3/8**	1 **7759** 90	**20**	
		1.1	**1/2**	1 **7759** 91	**20**	
	**HERZ-TS-90 thermostatic valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.1**	**1/2**	1 **7733** 81	**20**	
	**HERZ-TS-90 thermostatic valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.1**	**1/2**	1 **7724** 37	**20**	
	**HERZ-TS-90 thermostatic valve** **Reverse angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.1**	**1/2**	1 **7748** 91	**20**	
	**HERZ-TS-90 thermostatic valve** **3-axis valve "AB"** Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.1**	**1/2**	1 **7745** 91	**20**	
	**HERZ-TS-90 thermostatic valve** **3-axis valve "CD"** Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1.1**	**1/2**	1 **7746** 91	**20**	

Dimensions

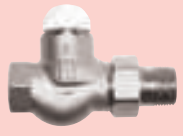
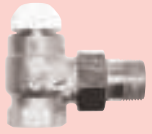
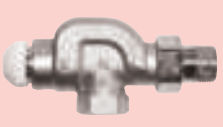
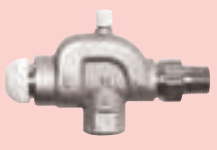
The thermostatic valve bodies of HERZ-TS and the radiator control valves HERZ-DR-T and HERZ-GP-T from years 1978 to 1990/1991 (nickel-plated body and grey hand wheels) have identical installation dimensions to the currently manufactured and equivalent models (nickel-plated body, white hand wheels or screw caps) and can be easily replaced, if necessary.

TS-90-E thermostatic valves with reduced resistance for one-pipe systems

Model		kvs	Dim.	Order number	Sale Unit	€
	**HERZ-TS-90-E thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**0.85**	**3/8**	1 **7723** 00	**20**	
		2.0	**1/2**	1 **7723** 01	**20**	
	**HERZ-TS-90-E thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1.11**	**3/8**	1 **7724** 00	**20**	
		2.3	**1/2**	1 **7724** 01	**20**	
	**HERZ-TS-90-E thermostatic valve** **Reverse angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1.0**	**3/8**	1 **7728** 00	**20**	
		2.0	**1/2**	1 **7728** 01	**20**	
	**HERZ-TS-90-E thermostatic valve** **3-axis valve "AB"** Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**2.0**	**1/2**	1 **7758** 01	**20**	
	**HERZ-TS-90-E thermostatic valve** **3-axis valve "CD"** Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**2.0**	**1/2**	1 **7759** 01	**20**	

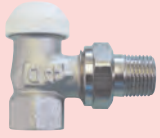
Return valves for one-pipe system, see GP or DR-T-90.

TS-E thermostatic valves with maximum flow rate for one-pipe and gravity systems

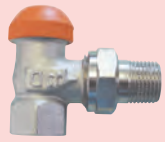
	**HERZ-TS-E thermostatic valve** **Straight model** Standard model with threaded socket, radiator connection with cone.	**5.1**	**1/2**	1 **7723** 11	**1**	
		5.1	**3/4**	1 **7723** 02	**1**	
		5.1	**1**	1 **7723** 03	**1**	
	**HERZ-TS-E thermostatic valve** **Angle model** Standard model with threaded socket, radiator connection with cone.	**5.1**	**1/2**	1 **7724** 11	**1**	
		5.1	**3/4**	1 **7724** 02	**1**	
		5.1	**1**	1 **7724** 03	**1**	
	**HERZ-TS-E thermostatic valve** **Reverse angle model** Standard model with threaded socket, radiator connection with cone.	**5.1**	**1/2**	1 **7728** 11	**1**	
		5.1	**3/4**	1 **7728** 02	**1**	
		5.1	**1**	1 **7728** 03	**1**	
	**HERZ-TS-E thermostatic valve** **Reverse angle model, with air vent** Standard model with threaded socket, radiator connection with cone.	**5.1**	**1/2**	1 **7728** 21	**1**	

HERZ-RL-1-E return valves with maximum flow rate for one-pipe systems, see page 50.

TS-90 thermostatic valves with dimensions according to DIN series “D”

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-90 thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **7723** 95	**20**	
		1/2	1 **7723** 96	**20**	
		3/4	1 **7723** 97	**20**	
	**HERZ-TS-90 thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **7724** 95	**20**	
		1/2	1 **7724** 96	**20**	
		3/4	1 **7724** 97	**20**	

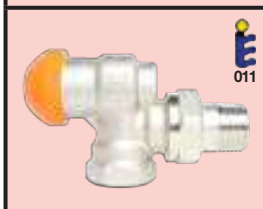
TS-98-V thermostatic valves with continuous pre-setting and readout with dimensions according to DIN series “D”

	**HERZ-TS-98-V thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Setting key 1 **6819** 98 must be ordered separately.	**3/8**	1 **7623** 66	**20**	
		1/2	1 **7623** 68	**20**	
		3/4	1 **7623** 70	**20**	
	**HERZ-TS-98-V thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Setting key 1 **6819** 98 must be ordered separately.	**3/8**	1 **7624** 66	**20**	
		1/2	1 **7624** 68	**20**	
		3/4	1 **7624** 70	**20**	

TS-98-V thermostatic valve M 28 x 1.5 with continuous pre-setting and readout, with Pressfit connection

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-98-V-thermostatic valve** **Straight model** Radiator connection with cone. The valve body with Pressfit connection is suitable for connection to stainless steel and copper pipes. Press contour V, minimum pressing force 30 kN. Setting key 1 **6819** 98 must be ordered separately.	**1/2**	1 **7643** 67	**20**	

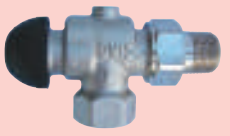
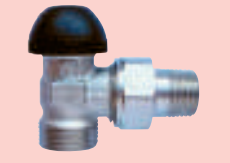
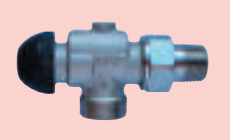
TS-120-V-SMART thermostatic valves M 28 x 1,5

Model		Dim.	Order number	Sale Unit	€
 011	**HERZ-TS-120-V-SMART thermostatic valve** **Straight model** Dynamically differential pressure-independent thermostatic valve, continuously adjustable presetting 10 – 95 l/h, nominal flow range, "|" setting 125 l/h, radiator connection R 1/2" with cone. Universal models with special socket Rp 1/2" for threaded pipe and compression adapter connection. Setting key 1 **4006** 02 must be ordered separately.	**1/2**	1 **7623** 91	**20**	
 011	**HERZ-TS-120-V-SMART thermostatic valve** **Angle model** Dynamically differential pressure-independent thermostatic valve, continuously adjustable presetting 10 – 95 l/h, nominal flow range, "|" setting 125 l/h, radiator connection R 1/2" with cone. Universal models with special socket Rp 1/2" for threaded pipe and compression adapter connection. Setting key 1 **4006** 02 must be ordered separately.	**1/2**	1 **7624** 91	**20**	
 011	**HERZ-TS-120-V-SMART thermostatic valve** **Reverse angle model** Dynamically differential pressure-independent thermostatic valve, continuously adjustable presetting 10 – 95 l/h, nominal flow range, "|" setting 125 l/h, radiator connection R 1/2" with cone. Universal models with special socket Rp 1/2" for threaded pipe and compression adapter connection. Setting key 1 **4006** 02 must be ordered separately.	**1/2**	1 **7628** 91	**20**	
	**HERZ-TS-120-V-SMART thermostatic valve** **Straight model** Dynamically differential pressure-independent thermostatic valve, continuously adjustable presetting 10 – 95 l/h, nominal flow range, "|" setting 125 l/h, radiator connection R 1/2" with cone, male thread G 3/4" for compression adapter connection. Setting key 1 **4006** 02 must be ordered separately.	**1/2**	1 **7633** 91	**20**	
	**HERZ-TS-120-V-SMART thermostatic valve** **Angle model** Dynamically differential pressure-independent thermostatic valve, continuously adjustable presetting 10 – 95 l/h, nominal flow range, "|" setting 125 l/h, radiator connection R 1/2" with cone, male thread G 3/4" for compression adapter connection. Setting key 1 **4006** 02 must be ordered separately.	**1/2**	1 **7634** 91	**20**	
	**HERZ-TS-120-V-SMART thermostatic valve** **Reverse angle model** Dynamically differential pressure-independent thermostatic valve, continuously adjustable presetting 10 – 95 l/h, nominal flow range, "|" setting 125 l/h, radiator connection R 1/2" with cone, male thread G 3/4" for compression adapter connection. Setting key 1 **4006** 02 must be ordered separately.	**1/2**	1 **7638** 91	**20**	

TS-98-VH thermostatic valves M 30 x 1.5 with continuous pre-setting and readout

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-98-VH thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **7623** 20	**20**	
		1/2	1 **7623** 21	**20**	
		3/4	1 **7623** 22	**20**	
	**HERZ-TS-98-VH thermostatic valve** **Angle model** Radiatorconnection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1/2**	1 **7624** 21	**20**	
		3/4	1 **7624** 22	**20**	
	**HERZ-TS-98-VH thermostatic valve** **Reverse angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1/2**	1 **7628** 26	**20**	
	**HERZ-TS-98-VH thermostatic valve** **3-axis valve "AB"** Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**1/2**	1 **7658** 26	**20**	
	**HERZ-TS-98-VH thermostatic valve** **3-axis valve "CD"** Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**1/2**	1 **7659** 26	**20**	
	**HERZ-TS-98-VH thermostatic valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7633** 26	**20**	
	**HERZ-TS-98-VH thermostatic valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7634** 26	**20**	
	**HERZ-TS-98-VH thermostatic valve** **Reverse angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7638** 26	**20**	
	**HERZ-TS-98-VH thermostatic valve** **3-axis valve "AB"** Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7645** 26	**20**	
	**HERZ-TS-98-VH thermostatic valve** **3-axis valve "CD"** Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7646** 26	**20**	

TS-90-H thermostatic valves M 30 x 1.5

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-90 H thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. DIN dimensions.	**1/2**	1 **7723** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. DIN dimensions.	**1/2**	1 **7724** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **Reverse angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**1/2**	1 **7728** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **3-axis valve “AB”** Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**1/2**	1 **7758** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **3-axis valve “CD”** Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	**1/2**	1 **7759** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7733** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7734** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **Reverse angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7738** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **3-axis valve “AB”** Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7745** 26	**20**	
	**HERZ-TS-90 H thermostatic valve** **3-axis valve “CD”** Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **7746** 26	**20**	

TS-98-VH thermostatic valves M 30 x 1.5 with continuous pre-setting and readout with dimensions according to DIN series “D”

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-98-VH thermostatic valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **7623** 25	**20**	
		1/2	1 **7623** 26	**20**	
		3/4	1 **7623** 27	**20**	
	**HERZ-TS-98-VH thermostatic valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **7624** 25	**20**	
		1/2	1 **7624** 26	**20**	
		3/4	1 **7624** 27	**20**	

Return temperature limiter

Model		Dim.	Order number	Sale Unit	€
	**HERZ return temperature limiter** Control of the return temperature between 25–60 °C, Limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately). Can be combined with all HERZ valves that are intended for thermostatic operation.	**M 28 x 1.5**	1 **9201** 00	**10**	
	**HERZ return temperature limiter DE LUXE, chrome** Control of the return temperature between 25–60 °C, limitation and locking of the set point range via limiting pins 1 **9551** 02 possible (must be ordered separately). Can be combined with all HERZ valves that are intended for thermostatic operation.	**M 28 x 1.5**	1 **9201** 41	**10**	
	**HERZ return temperature limiter** **Straight model set:** 1 **9201** 00 Return temperature limiter MINI 1 **7733** 81 HERZ-TS-90 thermostatic valve in straight model Radiator connection with cone. Pipe connection Male thread G 3/4" with cone.	**1/2**	1 **9201** 23	**1**	
	**HERZ return temperature limiter** **Angle model set:** 1 **9201** 00 Return temperature limiter MINI 1 **7724** 37 HERZ-TS-90 thermostatic valve in angle model Radiator connection with cone. Pipe connection Male thread G 3/4" with cone.	**1/2**	1 **9201** 24	**1**	

Compression adapters G 3/4 for copper, steel or plastic pipes must be ordered separately.

Keys and tools

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-90 assembly key** SW 13: For replacing the O-ring chamber HERZ-TS-90 SW 14: For replacing the O-ring chamber HERZ-TS-90-V SW 18: For replacing the HERZ-TS-90 thermostatic upper part SW 30: For the installation of HERZ thermostatic heads M 28 x 1.5.		1 **6807** 90	**1**	
	**Pre-setting key (blue)** for HERZ-TS-90-V, models as of 1998, valves with knurled cover screw.	**M 28 x 1.5**	1 **6809** 67	**1**	
	**HERZ-TS-90-V pre-setting key (red), version up to 1998** for valves with hexagon head O-ring screw.	**M 28 x 1.5**	1 **6808** 67	**1**	
	**Pre-setting key** for HERZ-TS-98-V, TS-99-V, TS-98-VH and for HERZ-3000 bypass bodies and connection parts with integrated thermostatic valve.		1 **6819** 98	**1**	

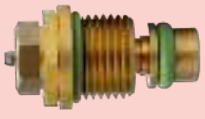
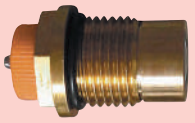
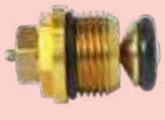
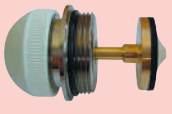
Changefix

	**HERZ Changefix Tool for HERZ thermostatic inserts** with threaded connection M 28 x 1.5 The thermostatic upper part can be replaced via an airlock function and the seat gasket on the spindle can also be cleaned while the system is under pressure.	1 **7780** 00	**1**	
	HERZ Changefix Tool for HERZ thermostatic inserts "H" with threaded connection M 30 x 1.5 The thermostatic upper part can be replaced via an airlock function and the seat gasket on the spindle can also be cleaned while the system is under pressure.	1 **7780** 98	**1**	
	**HERZ Changefix Tool for HERZ-TS-120-V-SMART thermostatic inserts** with threaded connection M 28 x 1.5 The thermostatic upper part can be replaced via an airlock function while the system is under pressure.	1 **7780** 76	**1**	
	**HERZ Changefix Tool for HERZ o-ring union nut 1 6890 00** with threaded connection M 28 x 1.5, for HERZ TS thermostatic valves without presetting.	1 **7780** 90	**1**	
	HERZ Changefix Tool for HERZ o-ring union nut 1 6890 00 with threaded connection M 30 x 1.5, for HERZ TS-H thermostatic valves without presetting.	1 **7780** 68	**1**	

Spare parts and accessories for HERZ-Changefix

Model		Dim.	Order number	Sale Unit	€
	**Replacement adapter** for HERZ Changefix (1 **7780** 00) without union nut. Matches HERZ thermostatic valves with M 28 x 1.5 thread.	**M 28 x 1,5**	1 **7781** 02	**1**	
	Replacement adapter for HERZ Changefix "H" (1 **7780** 98) without union nut. Matches HERZ thermostatic valves with M 30 x 1.5 thread.	**M 30 x 1,5**	1 **7781** 08	**1**	
	**Seal set** Replacement seal set for HERZ Changefix.		1 **7780** 04	**1**	
	**Pressure measurement accessories for HERZ Changefix 1 7780 00 and 1 7780 98** for measuring the differential pressure or the static pressure at the connected valve via HERZ measuring computer 1 **8900** 05.		1 **7781** 00	**1**	
	**Cleaning brush set for HERZ Changefix 1 7780 00 and 1 7780 98** Cleaning brush set for cleaning the valve seat in the course of replacing the upper part.		1 **7781** 01	**1**	
	**Pressure measurement accessories for HERZ-Changefix 1 7780 76** for measuring the differential pressure or the static pressure at the connected valve via HERZ TS-120-V-SMART measuring computer 1 **8900** 05.		1 **7781** 03	**1**	
	**Replacement adapter for HERZ-Changefix 1 7780 76** also suitable for Changefix 1 **7780** 00.		1 **7781** 76	**1**	
	**Replacement adapter for HERZ-Changefix 1 7780 90 and 1 7780 68** also suitable for Changefix 1 **7780** 00, 1 **7780** 98 and 1 **7780** 76.		1 **7781** 90	**1**	

Thermostatic upper parts

Model			Dim.	Order number	Sale Unit	€
	**Upper thermostatic insert** for HERZ-TS-90, HERZ-3000 and HERZ-DR-T-90 valves (3/8–3/4) as of year of manufacture 1991, 1 **6390** 92 also for HERZ-VTA-40, VUA-40 one-pipe as of year of manufacture 1992. Replacement under pressure with HERZ Changefix.		**3/8**	1 **6390** 90	**1**	
			1/2	1 **6390** 91	**1**	
			3/4	1 **6390** 92	**1**	
			1	1 **6390** 93	**1**	
	**Upper thermostatic insert** for HERZ-TS-90-H thermostatic valve for 30 x 1.5. 1 **6398** 92 also for HERZ-VTA-50, VUA-50 one-pipe. Replacement under pressure with HERZ Changefix "H".		**1/2**	1 **6398** 91	**1**	
			3/4	1 **6398** 92	**1**	
	**Upper thermostatic insert** for HERZ-TS-FV ultra-fine pre-settable valve (purple cap). Replacement under pressure with HERZ Changefix.		**3/8–1/2**	1 **6367** 99	**1**	
	**Upper thermostatic insert with fixed kv values** for HERZ-TS-90-kv Replacement under pressure with HERZ Changefix.	**B** blue	**kv 0.06**	1 **6365** 69	**1**	
		C green	**kv 0.12**	1 **6365** 79	**1**	
		D yellow	**kv 0.25**	1 **6365** 89	**1**	
		E white	**kv 0.5**	1 **6365** 99	**1**	
	**Upper thermostatic insert with pre-setting** for HERZ-TS-90-V. Replacement under pressure with HERZ Changefix.		**3/8–3/4**	1 **6367** 97	**1**	
	**Upper thermostatic insert with pre-setting** for HERZ-TS-98-V (orange cap). VTA-40, VUA-40 two-pipe. HERZ-3000 connection parts with integrated thermostatic valve. Replacement under pressure with HERZ Changefix.		**3/8–3/4**	1 **6367** 98	**1**	
	**Upper thermostatic insert with pre-setting** for HERZ-TS-98-VH thermostatic valve for M 30 x 1.5. 1 **6398** 98 also for HERZ-VTA-50, VUA-50 two-pipe. Replacement under pressure with HERZ Changefix "H".		**3/8–3/4**	1 **6398** 98	**1**	
	**Upper thermostatic insert** for HERZ-TS-90-E, universal models. Replacement under pressure with HERZ Changefix.		**3/8–1/2**	1 **6379** 02	**1**	
	**Upper thermostatic insert** for HERZ-TS-E, standard models and suitable for conversion of HERZ-AS 1". Replacement with HERZ Changefix not possible.		**1/2–1**	1 **6379** 03	**1**	

The HERZ-TS-90 upper thermostatic inserts 1 **6365** 69–1 **6365** 99, 1 **6367** 97, 1 **6367** 98 **and** 1 **6390** 90–1 **6390** 92, **are interchangeable with respect to dimension. Replacement under pressure possible with HERZ Changefix** 1 **7780** 00 .

Thermostatic upper parts

Model		Dim.	Order number	Sale Unit	€
	**Thermostatic upper part** for HERZ thermostatic valves for years of manufacture 1978–1989 and conversion from HERZ-AS and GP-T manual regulation valves for years of manufacture 1978–1992. Replacement part for VUA, VTA for years of manufacture 1980–1992. Replacement with HERZ Changefix not possible.	**3/8–1/2**	1 **6376** 00	**1**	
		3/4	1 **6376** 02	**1**	
	**Thermostatic upper part** for HERZ-TS DIN series “D” Years of manufacture 1986–1990.	**3/8–1/2**	1 **6379** 00	**1**	

HERZ thermostats, actuators and HERZ-TS screw caps and hand wheels of the HERZ-TS-90 valves are compatible with the expired models and can be used for the expired as well as the current models.

Thermostatic upper parts for HERZ TS-120-V-SMART

Model		Dim.	Order number	Sale Unit	€
	**Thermostatic upper part** for HERZ TS-120-V-SMART	**1/2**	1 **6367** 21	**1**	

Packing gland for HERZ-TS thermostatic valves without presetting

	**O-ring nut set** 20 O-ring nuts for HERZ-TS thermostatic valves without presetting, as well as CALIS-TS three-way valves and VTA and VUA four-way valves without presetting.	1 **6890** 00	**1**	



4

Radiator Valves and Radiator Connection Systems

DR-T-90 radiator control valves
Acurate pre-setting via secondary flow restriction cone

Model		Dim.	Order number	Sale Unit	€
	**HERZ-DR-T-90 radiator control valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Changeable with thermostatic insert to thermostatic operation	**3/8**	1 **6823** 90	**20**	
		1/2	1 **6823** 91	**20**	
		3/4	1 **6823** 92	**20**	
	HERZ-AS radiator control valve **Straight model** Standard models with threaded socket.	**1**	1 **6823** 73	**1**	
		1¼	1 **6823** 74	**1**	
	**HERZ-DR-T-90 radiator control valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Changeable with thermostatic insert to thermostatic operation	**3/8**	1 **6824** 90	**20**	
		1/2	1 **6824** 91	**20**	
		3/4	1 **6824** 92	**20**	
	HERZ-AS radiator control valve **Angle model** Standard models with threaded socket.	**1**	1 **6824** 73	**1**	
		1¼	1 **6824** 74	**1**	
	**HERZ-DR-T-90 radiator control valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone. Changeable with thermostatic insert to thermostatic operation	**1/2**	1 **6833** 81	**20**	
	**HERZ-DR-T-90 radiator control valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone. Changeable with thermostatic insert to thermostatic operation	**1/2**	1 **6848** 01	**20**	

DR-T-90 radiator control valves with lockshield cap
Acurate pre-setting via secondary flow restriction cone

	**HERZ-DR-T-90 radiator control valve with lockshield cap, straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **6823** 80	**20**	
		1/2	1 **6823** 81	**20**	
		3/4	1 **6823** 82	**20**	
	Standard model with threaded socket.	**1**	1 **6823** 86	**1**	
	**HERZ-DR-T-90 radiator control valve with lockshield cap, angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **6824** 80	**20**	
		1/2	1 **6824** 81	**20**	
		3/4	1 **6824** 82	**20**	
	Standard model with threaded socket.	**1**	1 **6824** 86	**1**	

GP radiator control valves
Accurate pre-setting via stroke limitation

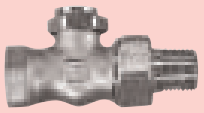
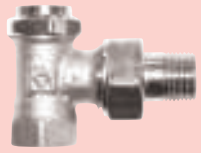
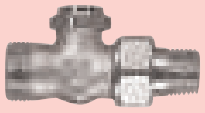
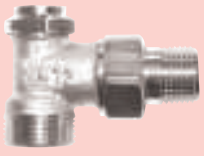
Model		Dim.	Order number	Sale Unit	€
	**HERZ-GP radiator control valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **5523** 20	**20**	
		1/2	1 **5523** 21	**20**	
		3/4	1 **5523** 22	**20**	
	**HERZ-GP radiator control valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **5524** 20	**20**	
		1/2	1 **5524** 21	**20**	
		3/4	1 **5524** 22	**20**	
	**HERZ-GP radiator control valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **5537** 11	**20**	
	**HERZ-GP radiator control valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **5548** 01	**20**	

GP radiator control valves with lockshield cap
Accurate pre-setting via stroke limitation

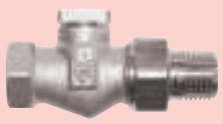
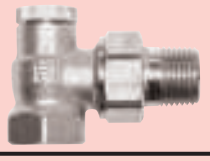
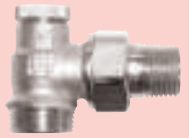
	**HERZ-GP radiator control valve** **with lockshield cap, straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **5523** 10	**20**	
		1/2	1 **5523** 11	**20**	
		3/4	1 **5523** 12	**20**	
	**HERZ-GP radiator control valve** **with lockshield cap, angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **5524** 10	**20**	
		1/2	1 **5524** 11	**20**	
		3/4	1 **5524** 12	**20**	

Dimensions
The thermostatic valve bodies of HERZ-TS and the radiator control valves HERZ-DR-T and HERZ-GP-T from years 1978 to 1990/1991 (nickel-plated body and grey hand wheels) have identical installation dimensions to the currently manufactured and equivalent models (nickel-plated body, white hand wheels or screw caps) and can be easily replaced, if necessary.

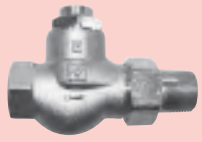
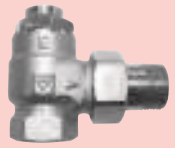
RL-5 return valves with pre-setting and draining

Model		Dim.	Order number	Sale Unit	€
	**HERZ-RL-5 return valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Dimensions according to DIN 3842 series 1, DARE Ms-K.	**3/8**	1 **3923** 00	**20**	
		1/2	1 **3923** 01	**20**	
		3/4	1 **3923** 02	**20**	
	**HERZ-RL-5 return valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Dimensions according to DIN 3842 series 1, EARE Ms-K.	**3/8**	1 **3924** 00	**20**	
		1/2	1 **3924** 01	**20**	
		3/4	1 **3924** 02	**20**	
	**HERZ-RL-5 return valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **3937** 11	**20**	
	**HERZ-RL-5 return valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **3948** 11	**20**	

RL-1 return valves

	**HERZ-RL-1 return valve** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **3723** 40	**20**	
		1/2	1 **3723** 41	**20**	
		3/4	1 **3723** 42	**20**	
	**HERZ-RL-1 return valve** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8**	1 **3724** 40	**20**	
		1/2	1 **3724** 41	**20**	
		3/4	1 **3724** 42	**20**	
	**HERZ-RL-1 return valve** **Straight model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **3733** 11	**20**	
	**HERZ-RL-1 return valve** **Angle model** Radiator connection with cone. Pipe connection male thread G 3/4 with cone.	**1/2**	1 **3748** 01	**20**	

RL-1-E return valves with maximum flow rate for one-pipe and gravity systems

	**HERZ-RL-1-E return valve** **Straight model** Radiator connection with cone. Standard models with threaded socket.	**1/2**	1 **3723** 01	**20**	
		3/4	1 **3723** 02	**20**	
		1	1 **3723** 03	**10**	
	**HERZ-RL-1-E return valve** **Angle model** Radiator connection with cone. Standard models with threaded socket.	**1/2**	1 **3724** 01	**20**	
		3/4	1 **3724** 02	**20**	
		1	1 **3724** 03	**10**	

Installation dimensions deviating from HERZ-TS-90 valves of the same dimension.

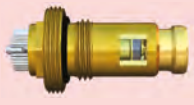
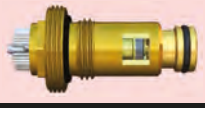
Thermostatic inserts* WE

Model		Indicator	kv - m^3/h	Dim.	Order number	Sale Unit	€
	**HERZ thermostatic inserts for integrated radiator valves with a fixed kv value,** Manufacturer Stelrad & Korado.	blue	0.06	1/2	1 **3192** 82	20	
		green	0.12	1/2	1 **3192** 83	20	
		yellow	0.25	1/2	1 **3192** 84	20	
		white	0.50	1/2	1 **3192** 85	20	
	**HERZ thermostatic insert for integrated radiator valves** Manufacturer Vogel & Noot.	blue	0.06	1/2	1 **3093** 69	20	
		green	0.12	1/2	1 **3093** 79	20	
		yellow	0.25	1/2	1 **3093** 89	20	
		white	0.50	1/2	1 **3093** 99	20	
	**HERZ thermostatic insert with fixed kv value** Manufacturer Kermi.	blue	0.06	1/2	1 **3197** 69	20	
		green	0.12	1/2	1 **3197** 79	20	
		yellow	0.25	1/2	1 **3197** 89	20	
		white	0.50	1/2	1 **3197** 99	20	

Thermostatic inserts M 28 x 1.5

Model		kvs	Dim.	Order number	Sale Unit	€
	**HERZ thermostatic insert TS-98-V** for integrated radiator valves (Dia Norm, Radson, Superia, Veha), with continuous pre-setting and readout.	0.91	1/2	1 **3091** 98	20	
	**HERZ thermostatic insert TS-98-V** for integrated radiator valves (Henrad, Korado, Stelrad), with continuous pre-setting and readout.	1.51	1/2	1 **3192** 65	20	
	**HERZ thermostatic insert TS-98-V** for integrated radiator valves (Vogel&Noot), with continuous pre-setting and readout.	1.51	1/2	1 **3192** 63	20	
	**HERZ thermostatic insert TS-98-V** for integrated radiator valves (ThermoTeknik, Acova, Brugman), with continuous pre-setting and readout.	1.51	1/2	1 **3192** 68	20	
	**HERZ thermostatic insert TS-98-V** for integrated radiator valves (Kermi), with continuous pre-setting and readout.	1.51	1/2	1 **3192** 66	20	
	**HERZ thermostatic insert TS-98-V** for integrated radiator valves (Dunaferr), with continuous pre-setting and readout.	1.51	1/2	1 **3192** 64	20	

Thermostatic inserts M 30 x 1.5

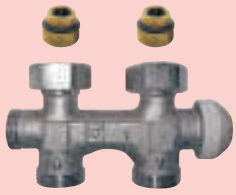
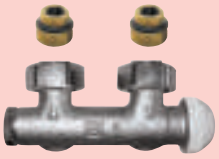
	**HERZ thermostatic insert TS-98-VH** for integrated radiator valves (Dunaferr), with continuous pre-setting and readout.	1.51	1/2	1 **3198** 01	20	
	**HERZ thermostatic insert TS-98-V** for integrated radiator valves (Acova), with continuous pre-setting and readout.	1.51	1/2	1 **3198** 02	20	

*** Please note that the valve screw-in adapter has been changed a number of times for manufacturing reasons; the inserts described here are compatible with radiator models in Austria at the time of publishing. Changes are possible at any time.**

Thermostatic insert replacement parts

Model		kvs	Dim.	Order number	Sale Unit	€
	**Upper thermostatic insert TS-90-V** **Module panel, year of manufacture 1988 - 1994** pre-settable, for retrofitting of thermopanel integrated radiator valves.	**0.5**	**M 22 x 1.5**	1 **3089** 67	**20**	
	**HERZ thermostatic insert** for integrated radiator valves Stelrad THERMOCARAT TCV 1989-1995. For integrated radiator valves Stelrad THERMOCARAT TCM 1994-1999.	**0.5**	**M 22 x 1**	1 **3090** 71	**1**	

Connection system
TS-3000 bypass body for one-pipe systems with integrated thermostatic valve

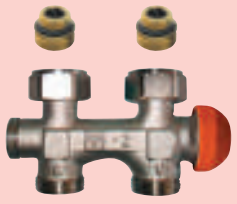
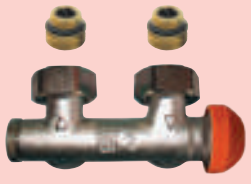
Model		Dim.	Order number	Sale Unit	€
	**HERZ-3000 bypass body with integrated thermostatic valve, straight model for one-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3791** 92	**10**	
	**HERZ-3000 bypass body with integrated thermostatic valve, straight model for one-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3792** 92	**10**	
	**HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3793** 92	**10**	
	**HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation** as before, but upper thermostatic insert on left.	**G 3/4"**	1 **3793** 82	**10**	
	**HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3794** 92	**10**	
	**HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation** as before, but upper thermostatic insert on left.	**G 1/2" x G 3/4"**	1 **3794** 82	**10**	

Thermostatic head MINI DE LUXE with threaded connection M 28 x 1.5
suitable for HERZ thermostatic valves

Model		Colour	Order number	Sale Unit	€
	**HERZ thermostatic head MINI DE LUXE** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 6–30°C.	**Chrome**	1 **9200** 41	**20**	

TS-3000 for two-pipe systems with integrated thermostatic valve

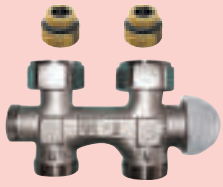
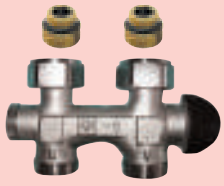
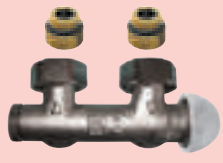
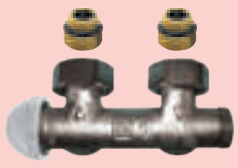
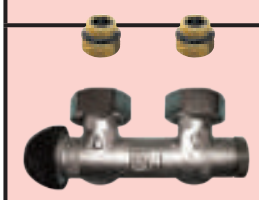
Upper thermostatic insert with directly-pre-setting and readout

Model		Dim.	Order number	Sale Unit	€
	**HERZ-3000 connection part with pre-settable upper thermostatic insert, straight model for two-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3691** 91	**10**	
	**HERZ-3000 connection part with pre-settable upper thermostatic insert, straight model for two-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3692** 91	**10**	
	**HERZ-3000 connection part with pre-settable upper thermostatic insert, angle model for two-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3693** 91	**10**	
	**HERZ-3000 connection part with pre-settable upper thermostatic insert, angle model for two-pipe operation** as before, but upper thermostatic insert on left.	**G 3/4"**	1 **3693** 81	**10**	
	**HERZ-3000 connection part with pre-settable upper thermostatic insert, angle model for two-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3694** 91	**10**	
	**HERZ-3000 connection part with pre-settable thermostatic valve, angle model for two-pipe operation** as before, but upper thermostatic insert on left.	**G 1/2" x G 3/4"**	1 **3694** 81	**10**	

Design cover for HERZ-3000

Model		Order number	Sale Unit	€
	**HERZ design cover, colour white (RAL 9010)** for HERZ-3000 bypass body and connection parts with integrated thermostatic valve; with snap mechanism.	1 **0115** 01	**1**	
	Colour Traffic White (RAL 9016)	1 **0115** 02	**1**	
	Colour Chrome	1 **0115** 03	**1**	

TS-3000 connection set with integrated thermostatic valve M 30 x 1.5

Model		Dim.	Order number	Sale Unit	€
	**HERZ-3000 connection part with integrated thermostatic valve, straight model for two-pipe operation, pre-settable.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3798** 91	**10**	
	**HERZ-3000 bypass body with integrated thermostatic valve, straight model for one-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2 x G 3/4**	1 **3798** 92	**10**	
	**HERZ-3000 connection part with integrated thermostatic valve, angle model for two-pipe operation, pre-settable.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2 x G 3/4**	1 **3799** 91	**10**	
	**HERZ-3000 connection part with integrated thermostatic valve, angle model for two-pipe operation, pre-settable** as before, but upper thermostatic insert on left.	**G 1/2" x G 3/4"**	1 **3799** 81	**10**	
	**HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation.** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3799** 92	**10**	
	**HERZ-3000 connection part with integrated thermostatic valve, angle model for one-pipe operation** as before, but upper thermostatic insert on left.	**G 1/2" x G 3/4"**	1 **3799** 82	**10**	

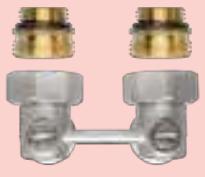
Thermostatic head MINI “H” DE LUXE with threaded connection M 30 x 1.5

Model		Order number	Sale Unit	€
	**HERZ thermostatic head MINI “H” DE LUXE, chrome** with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring, frost protection adjustable at approx. 8°C, set value range 0–30°C.	1 **9200** 48	**1**	
	Colour White (RAL 9010)	1 **9200** 35	**1**	

Note: Matching HERZ design cover for HERZ-3000: 1 0115 xx (please see page 54)

Connection system for integrated radiator valves
3000 connection parts for two-pipe systems G 3/4”

G 3/4

Model		Dim.	Order number	Sale Unit	€
	**Two-pipe connection set** **Straight model** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3766** 31	**10**	
	**Two-pipe connection set** **Angle model** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3766** 51	**10**	
	**Two-pipe connection set** **Straight model** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 **3002** 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3766** 32	**10**	
	**Two-pipe connection set** **Angle model** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 **3002** 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3766** 52	**10**	

Connection system for integrated radiator valves
3000 connection parts for two-pipe systems

with two-side draining and filling, with shutoff, radiator connection G 3/4” — **G 3/4**

Model		Dim.	Order number	Sale Unit	€
	**HERZ-3000-RL4 connection part** **Straight model** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3466** 01	**10**	
	**HERZ-3000-RL4 connection part** **Angle model** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3466** 11	**10**	

With two-side draining and filling, with shutoff, radiator connection Rp 1/2” — **Rp 1/2**

	**HERZ-3000-RL4 connection part** **Straight model** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 **3002** 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3466** 02	**10**	
	**HERZ-3000-RL4 connection part** **Angle model** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 **3002** 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3466** 12	**10**	

With two-sided shutoff, operation from the front, radiator connection G 3/4” — **G 3/4**

	**HERZ-3000-RL1 connection part** **Straight model** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3766** 01	**10**	
	**HERZ-3000-RL1 connection part** **Angle model** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3766** 11	**10**	

With two-sided shutoff, operation from the front, radiator connection Rp 1/2” — **Rp 1/2**

	**HERZ-3000-RL1 connection part** **Straight model** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3766** 02	**10**	
	**HERZ-3000-RL1 connection part** **Angle model** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3766** 12	**10**	

Connection system for integrated radiator valves
3000 bypass body for single- and two-pipe systems
with pre-setting, shutoff, draining and filling, radiator connection G 3/4"

G 3/4

Model		Dim.	Order number	Sale Unit	€
	**HERZ-3000 bypass body** **Straight model** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. With cone. Compression adapters must be ordered separately.	**G 3/4"**	1 **3066** 01	**1**	
	**HERZ-3000 bypass body** **Angle model, drain on left** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. With cone. Compression adapters must be ordered separately.	**G 3/4"**	1 **3066** 11	**1**	
	**HERZ-3000 bypass body** **Angle model, drain on right** Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. With cone. Compression adapters must be ordered separately.	**G 3/4"**	1 **3066** 21	**1**	

With pre-setting, shutoff, draining and filling, radiator connection Rp 1/2"

Rp 1/2

	**HERZ 3000 bypass body** **Straight model** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 **3002** 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3066** 02	**1**	
	**HERZ-3000 bypass body** **Angle model, drain on left** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3066** 12	**1**	
	**HERZ-3000 bypass body** **Angle model, drain on right** Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3066** 22	**1**	

Connection system for integrated radiator valves
3000 bypass body for one-pipe systems
Radiator connection G 3/4"

G 3/4

Model		Dim.	Order number	Sale Unit	€
	**HERZ-3000 bypass body with fixed bypass, straight model,** pipe centre spacing 50 mm, radiator connection G 3/4 with cone, freely-rotating union nut. Pipe connection with male thread, G 3/4 for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3166** 01	**1**	
	**HERZ-3000 bypass body with fixed bypass, angle model,** pipe centre spacing 50 mm, radiator connection G 3/4 with cone, freely-rotating union nut. Pipe connection with male thread G 3/4 for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3166** 11	**1**	

3000 bypass body for one-pipe systems
Radiator connection Rp 1/2"

Rp 1/2

	**HERZ-3000 bypass body with fixed bypass, straight model,** pipe centre spacing 50 mm, radiator connection G 1/2, freely-rotating union nut 2 connection nipples 1 **3002** 31 are enclosed. Pipe connection with male thread G 3/4 for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3166** 02	**1**	
	**HERZ-3000 bypass body with fixed bypass, angle model,** pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating union nut; 2 connection nipples 1 **3002** 31 are enclosed. Pipe connection with male thread G 3/4 for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3166** 12	**1**	

3000 TP bypass body for radiator connection G 3/4"

G 3/4

	**HERZ-3000 TP bypass body for one-pipe systems** for renovation of existing installations of heating systems with radiators, make AGA, or thermopanel. For one-pipe heating systems for connection to typical valve-ready radiator with pipe spacing 50 mm in an existing pipe installation with pipe spacing 40 mm and reversed supply and return flow directions.	**M 22 x 1.5 x G 3/4"**	1 **3166** 31	**10**	
	**HERZ-3000 TP bypass body for two-pipe systems** for connection to typical valve-ready radiator with pipe spacing 50 mm in an existing pipe installation with pipe spacing 40 mm and reversed supply and return flow directions.	**M 22 x 1.5 x G 3/4"**	1 **3266** 31	**10**	

3000 TP bypass body for radiator connection Rp 1/2"

Rp 1/2

	**HERZ-3000 TP bypass body for two-pipe systems** for connection to typical valve-ready radiator with pipe spacing 50 mm in an existing pipe installation with pipe spacing 40 mm and reversed supply and return flow directions. With nipple 1/2 (1 **3002** 31).	**M 22 x 1.5 x G 3/4" + nipple**	1 **3266** 32	**10**	

Connection system for integrated radiator valves
3000 single shutoff valves
with draining and filling, radiator connection G 3/4"

G 3/4

Model		Dim.	Order number	Sale Unit	€
	**HERZ-RL-4 single shutoff valve** **Straight model for two-pipe operation** Radiator connection G 3/4 with cone, freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection; compression adapters must be ordered separately.	**G 3/4"**	1 **3041** 01	**20**	
	**HERZ-RL-4 single shutoff valve** **Angle model for two-pipe operation** other version as 1 **3041** 01.	**G 3/4"**	1 **3042** 01	**20**	
	**HERZ-RL-4 single shutoff valve** **Straight model for two-pipe operation** Radiator connection G 3/4 with cone with freely-rotating nut. Universal model with special socket Rp 1/2 for threaded pipe and compression adapter connection.	**G 3/4" x Rp 1/2"**	1 **3061** 01	**20**	
	**HERZ-RL-4 single shutoff valve** **Angle model for two-pipe operation** other version as 1 **3061** 01.	**G 3/4" x Rp 1/2"**	1 **3062** 01	**20**	

with draining and filling, radiator connection R 1/2"

R 1/2

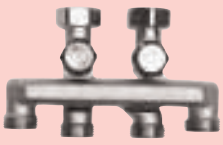
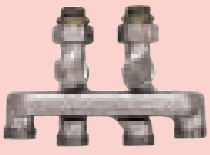
	**HERZ-RL-4 single shutoff valve** **Straight model for two-pipe operation** Radiator connection R 1/2 with cone, with iron pipe connection 1 **6210** 21, pipe connection with male thread G 3/4 with cone compression adapter connection. Compression adapters must be ordered separately.	**R 1/2" x G 3/4"**	1 **3437** 11	**20**	
	**HERZ-RL-4 single shutoff valve** **Angle model for two-pipe operation** other version as 1 **3437** 11.	**R 1/2" x G 3/4"**	1 **3448** 11	**20**	

3000 single shutoff valves
with shutoff, radiator connection G 3/4"

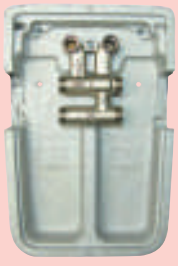
G 3/4

	**HERZ-RL-1 single shutoff valve** **Straight model for two-pipe operation** Radiator connection G 3/4 with cone, freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3741** 01	**20**	
	**HERZ-RL-1 single shutoff valve** **Angle model for two-pipe operation** other version as 1 **3741** 01.	**G 3/4"**	1 **3742** 01	**20**	
	**HERZ-RL-1 single shutoff valve** **Straight model for two-pipe operation** Radiator connection G 3/4 with cone with freely-rotating nut. Universal model with special socket Rp 1/2 for threaded pipe and compression adapter connection.	**G 3/4" x Rp 1/2"**	1 **3761** 01	**20**	
	**HERZ-RL-1 single shutoff valve** **Angle model for two-pipe operation** other version as 1 **3761** 01.	**G 3/4" x Rp 1/2"**	1 **3762** 01	**20**	

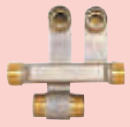
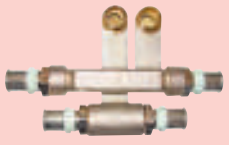
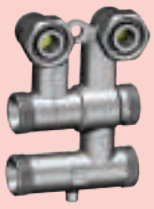
Connection system for integrated radiator valves
Double connection distributor, symmetrical, for integrated radiator valves with central connection
With shutoff, draining and filling of the radiator, crossing-free pipe routing

Model		Dim.	Order number	Sale Unit	€
	**HERZ double connection distributor, symmetrical** Radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3033** 01	**10**	
	**HERZ double connection distributor, symmetrical** Radiator connection G1/2, freely-rotating nut, 2 connection nipples are enclosed (1 **3002** 31). Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 1/2" x G 3/4"**	1 **3033** 02	**10**	

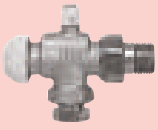
Double connection distributor for two-pipe systems

	**HERZ SWITCHFIX switchover distributor for two-pipe systems** For connecting the radiator to the pipe network in line with the flow direction and without crossing. The heating supply and return are switchable with the adjusting spindle. The pipelines can be run freely; the adaptation of the radiator flow direction can take place later. The radiator connection can be shut off. Delivery including flush box and mounting protection cover. Connection G 3/4 with cone to radiator. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately and cap 1 **8525** 02 for pressure test.	**G 3/4"**	1 **3030** 01	**1**	
	**HERZ double connection distributor for two-pipe systems** For crossing-free radiator connection for flush mounting. The radiator connection cannot be shut off. Delivery including flush box and cover plate. Radiator connection G 3/4 with cone. Pipe connection with male thread G 3/4 with cone for clamp connection. Compression adapters and cap 1 **8525** 02 for pressure test must be ordered separately.	**G 3/4"**	1 **4133** 01	**1**	
	**HERZ pedestal distributor for two-pipe systems** For crossing-free radiator connection for flush mounting, for laying of the pipes in the wall. The radiator connection cannot be shut off. Delivery including flush box and cover plate. Radiator connection M 22 x 1.5 with cone, pipe connection G 3/4 with cone, horizontal, for clamp connection. Pipe elbow for pressure test is enclosed. Thermostatic head must be ordered separately.	**M 22 - G 3/4"**	1 **3012** 22	**1**	

Connection system for integrated radiator valve connections for two-pipe systems

Model		Dim.	Order number	Sale Unit	€
	**HERZ connection set for compression adapter connection** Nickel-plated brass, for valve radiator and compact radiator. Compression adapter connections: Radiator-side M 22 x 1.5, pipe-side male thread G 3/4. Compression adapters must be ordered separately.	**M 22 x 1.5 x G 3/4"**	1 **3031** 00	**1**	
	**HERZ connection set for press connection** Short version, nickel-plated brass, for integrated radiator valve and compact radiator. Connections: Radiator-side M 22 x 1.5, pipe-side press connection.	**M 22 x 1.5 - 16 x 2**	1 **3032** 02	**1**	
		M 22 x 1.5 - 18 x 2	1 **3032** 04	**1**	
		M 22 x 1.5 - 20 x 2	1 **3032** 05	**1**	
	**Replacement for Stelrad pedestal distributor. Nickel-plated brass, for valve radiator and compact radiator.** Radiator-side freely-rotating union nut G 3/4, pipe-side male thread G 3/4; compression adapters must be ordered separately.	**G 3/4"**	1 **3012** 02	**10**	

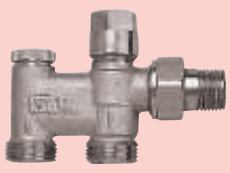
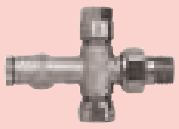
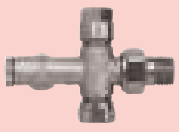
Connection sets
TS-90 thermostatic valves

Model		Dim.	Order number	Sale Unit	€
	**HERZ-TS-90 thermostatic valve straight model with elbow** Radiator connection with elbow 1 **6249** 01, with cone. Connection set mounted for connection pipe.	**1/2" x 15**	1 **7727** 19	**1**	
	**HERZ-TS-90 thermostatic valve Reverse angle model with air vent** Radiator connection with cone. Connection set mounted for connection pipe.	**1/2" x 15**	1 **7728** 92	**1**	
	**HERZ-TS-90 thermostatic valve 3-axis valve "AB"** Valve left of radiator. Radiator connection with cone. Connection set mounted for connection pipe.	**1/2" x 15**	1 **7758** 19	**1**	
	**HERZ-TS-90 thermostatic valve 3-axis valve "CD"** Valve right of radiator. Radiator connection with cone. Connection set mounted for connection pipe.	**1/2" x 15**	1 **7759** 19	**1**	

Connection pipe

	**Connection pipe 15 x 1** of copper, nickel-plated. 1 **6330** 11: Pipe length 550 mm. 1 **6330** 31: Pipe length 1000 mm.	**550**	1 **6330** 11	**1**	
		1000	1 **6330** 31	**1**	

HERZ-2000 bypass body

Model		Dim.	Order number	Sale Unit	€
	**Bypass body for one-pipe operation, with shutoff** Radiator connection with cone, connection set 1 **6284** 04 mounted for connection pipe, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone. Circulation brake enclosed.	**1/2" x G 3/4"**	1 **7173** 01	**1**	
	Bypass body for two-pipe operation, suitable for shutoff and control Radiator connection with cone, connection set 1 **6284** 04 mounted for connection pipe, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone.	**1/2" x G 3/4"**	1 **7175** 01	**1**	
	**Bypass body for one-pipe operation, suitable for shutoff** Radiator connection with cone, connection set 1 **6284** 04 mounted for connection pipe, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection M 22 x 1.5. Circulation brake enclosed.	**1/2" x M 22 x 1.5**	1 **7174** 01	**1**	
	Bypass body for two-pipe operation, suitable for shutoff and control Radiator connection with cone, connection set 1 **6284** 04 mounted for connection pipe, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection M 22 x 1.5.	**1/2" x M 22 x 1.5**	1 **7176** 01	**1**	
	**Bypass body for one-pipe operation, angle model, suitable for shutoff** Radiator connection with cone, connection set 1 **6284** 04 mounted for connection pipe, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone.	**1/2" x G 3/4"**	1 **7187** 14	**1**	
	**Bypass body for two-pipe operation, angle model, suitable for shutoff and control** Radiator connection with cone, connection set 1 **6284** 04 mounted for connection pipe, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone.	**1/2" x G 3/4"**	1 **7189** 14	**1**	

HERZ-1000 bypass body

Model		Dim.	Order number	Sale Unit	€
	**Bypass body for one-pipe operation, with shutoff** Radiator connection G ½“ with O-ring, compression adapter 1 **6284** 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone. Circulation brake enclosed.	**1/2" x G 3/4"**	1 **7187** 12	**1**	
	**Bypass body for two-pipe operation, suitable for shutoff and control** Radiator connection G ½“ with O-ring, compression adapter 1 **6284** 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone.	**1/2" x G 3/4"**	1 **7189** 12	**1**	

CALIS-TS three-port valves for thermostatic operation in one-pipe systems

Model		kvs	Dim.	Order number	Sale Unit	€
	**CALIS-TS three-port valve** Flat seal, without connections, with screw cap. Pipe connections must be ordered separately.	**2.75**	**DN 15**	1 **7761** 01	**20**	
		3.2	**DN 20**	1 **7761** 02	**20**	

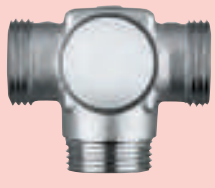
CALIS-TS in 3-D design for thermostatic operation in one-pipe systems

Thermostatic head in horizontal orientation

	**CALIS-TS-3-D three-port valve** Valve left of radiator flat seal, no connections, with screw cap. Pipe connections must be ordered separately.	**3.5**	**DN 15**	1 **7761** 43	**10**	
		4.2	**DN 20**	1 **7761** 45	**10**	
	CALIS-TS-3-D three-port valve Valve right of radiator flat seal, without connections, with screw cap. Pipe connections must be ordered separately.	**3.5**	**DN 15**	1 **7761** 44	**10**	
		4.2	**DN 20**	1 **7761** 46	**10**	

CALIS-TS-E in 3-D design for thermostatic operation in one-pipe systems with elevated flow rate

Thermostatic head in horizontal orientation

	**CALIS-TS-E-3-D three-port valve** Valve left of radiator flat seal, no connections, with screw cap. Pipe connections must be ordered separately.	**4.42**	**DN 20**	1 **7745** 02	**5**	
	CALIS-TS-E-3-D three-port valve Valve right of radiator flat seal, without connections, with screw cap. Pipe connections must be ordered separately.	**4.42**	**DN 20**	1 **7746** 02	**5**	

CALIS-T-piece

	**CALIS flow T-piece** Flat seal, without connections. Pipe connections must be ordered separately.	**DN 20**	1 **1001** 02	**10**	

Room temperature control set for radiator and floor heating connection

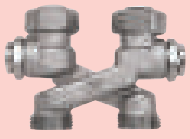
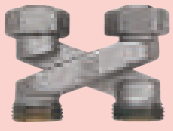
Model		Dim.	Order number	Sale Unit	€
	**HERZ room temperature control set for radiator and floor connection, chrome** Combined for flush installation. Set consists of flush box with cover plate, chrome, RL-1 shutoff valve, one return temperature limiter, TS-98-V thermostatic valve and double connection distributor. Compression adapters and cap 1 **8525** 02 for pressure test must be ordered separately.	**G 3/4"**	1 **8100** 27	**1**	
	HERZ room temperature control set for radiator and floor connection, white Combined for flush installation. Set consists of flush box with cover plate, white, RL-1 shutoff valve, one return temperature limiter, TS-98-V thermostatic valve and double connection distributor. Compression adapters and cap 1 **8525** 02 for pressure test must be ordered separately.	**G 3/4"**	1 **8100** 28	**1**	

4

Spare part for HERZ room temperature control set

	**TS-98V Thermostatic valve with freely moving nut**		1 **7637** 25	**1**	
	**Cover plate** 230 x 230 mm, chrome-plated cover for 1 **8100** 27 spare part, incl. screws 6 pcs.		1 **8100** 53	**1**	
	Cover plate 230 x 230 mm, white cover for 1 **8100** 28 spare part, incl. screws 6 pcs.		1 **8100** 54	**1**	

Intersection element

	**Intersection element in shape "X"** for pipe spacing 50 mm, for shutoff, filling and draining. Connection with cone G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3404** 34	**1**	
	**Intersection element in shape "X"** Pipe spacing 50 mm, connection with cone G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	**G 3/4"**	1 **3004** 34	**1**	
	Intersection element in shape "X" for pipe spacing 40 mm, connection with cone G 3/4 with freely-rotating nut. Pipe connection G 3/4 with cone must be ordered separately.	**G 3/4"**	1 **3004** 44	**1**	
	Intersection element in shape "X" Pipe spacing 50 mm, connection with cone M 22 x 1.5 with freely-rotating nut. Pipe connection with male thread M 22 x 1.5 for compression adapter connection. Compression adapters must be ordered separately.	**M 22 x 1.5**	1 **3004** 22	**1**	

Connection set “S” two-pipe

	**HERZ connecting element “S”, complete,** consisting of presetable thermostatic valve, connection pipe and bypass body. Two-pipe operation, radiator connection G 1/2 with cone, pipe connection thread M 22 x 1.5. Compression adapters must be ordered separately.		1 **7650** 00	**1**	

Connection sets for convectors

Model		Order number	Sale Unit	€
	**HERZ “Convector connection set”** for two-pipe operation, radiator connection G 1/2" with cone, pipe threaded connection G 3/4" with cone, pipe connections must be ordered separately.	1 **7688** 21	**1**	

VTA-40 four-port valve for thermostatic operation

Model		Dim.	Order number	Sale Unit	€
	**HERZ-VTA-40 four-port valve for two-pipe systems with pre-settable upper thermostatic insert** Radiator connection on lower side, flat seal, with immersion tube L = 200, Ø = 11 mm. Pipe spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**15 200/11**	1 **7767** 51	**1**	
		20 200/11	1 **7767** 52	**1**	
	**HERZ-VTA-40 four-port valve for one-pipe systems** Radiator connection on lower side, flat seal, with immersion tube L = 200, Ø = 11 mm. Pipe spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**15 200/11**	1 **7767** 41	**1**	
		20 200/11	1 **7767** 42	**1**	

VTA-50 four-port valves for thermostatic operation, thermostat threaded connection M 30 x 1.5

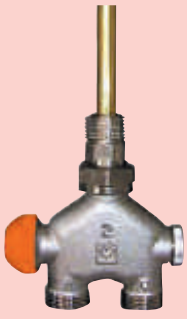
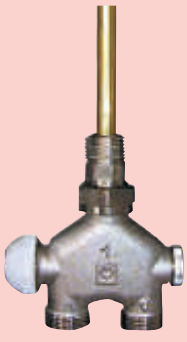
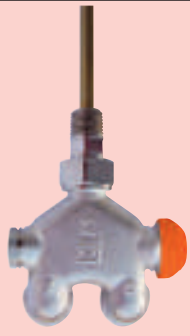
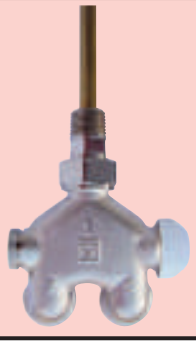
	**HERZ-VTA-50 four-port valves for two-pipe systems with pre-adjustable upper thermostatic insert** Thread M 30 x 1.5 for "H" heads, radiator connection on lower side, flat seal, pipe spacing 50 mm. With immersion tube L = 200 mm, Ø = 11 mm, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections G ¾" with cone must be ordered separately.	**15 200/11**	1 **7767** 27	**1**	
	**HERZ-VTA-50 four-port valves for one-pipe systems,** with thread M 30 x 1.5 for "H" heads, radiator connection on lower side, flat seal, pipe centre spacing 50 mm. With immersion tube L = 200 mm, Ø = 11 mm, adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections G ¾" with cone must be ordered separately.	**15 200/11**	1 **7767** 26	**1**	

VUA-AHA four-port valve for thermostatic operation

	**HERZ-VUA-AHA four-port valve for one-pipe systems** Replacement for T&A- AHA four-port valves Radiator connection on lower middle or on side from below. Pipe spacing 40 mm. Immersion tube integrated into valve Immersion tube length 55 mm Threaded connection on radiator G ¾" flat seal Threaded connection for thermostatic head M 28 x 1.5. Pipe connections G ¾" with cone must be ordered separately.	**3/4"**	1 **7783** 40	**1**	

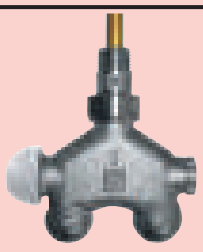
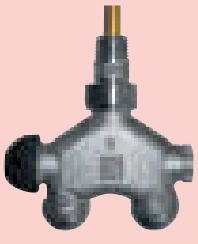
Additional immersion tube lengths upon request.

VUA-40 four-port valves for thermostatic operation

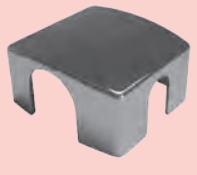
Model		Dim.	Order number	Sale Unit	€
	**HERZ-VUA-40 four-port valve** **Straight model for two-pipe systems with pre-settable upper thermostatic insert** Radiator connection on lower middle or on side from below, flat seal, with immersion tube L = 150 mm Ø = 11 mm. Pipe centre spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**1/2"** **150/11**	1 **7783** 41	**1**	
	HERZ-VUA-40 four-port valve **Straight model for two-pipe systems with pre-settable upper thermostatic insert** Radiator connection on lower middle or on side from below, flat seal, with immersion tube L = 200 mm, Ø = 11 mm. Pipe centre spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**1/2"** **200/11**	1 **7783** 51	**1**	
	**HERZ-VUA-40 four-port valve** **Straight model for one-pipe systems** Radiator connection on lower middle or on side from below, flat seal, with immersion tube L = 150 mm, Ø = 11 mm. Pipe centre spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**1/2"** **150/11**	1 **7786** 41	**1**	
	HERZ-VUA-40 four-port valve **Straight model for one-pipe systems** Radiator connection on lower middle or on side from below, flat seal, with immersion tube L = 200 mm, Ø = 11 mm. Pipe centre spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**1/2"** **200/11**	1 **7786** 51	**1**	
	**HERZ-VUA-40 four-port valve** **Angle model for two-pipe systems with pre-settable upper thermostatic insert** Radiator connection on lower middle or on side from below, flat seal, with immersion tube L = 150 mm, Ø = 11 mm. Pipe centre spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**1/2"** **150/11**	1 **7784** 41	**1**	
	**HERZ-VUA-40 four-port valve** **Angle model for one-pipe systems** Radiator connection on lower middle or on side from below, flat seal, with immersion tube L = 150 mm, Ø = 11 mm. Pipe centre spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G ¾" with cone must be ordered separately.	**1/2"** **150/11**	1 **7784** 42	**1**	

Additional immersion tube lengths upon request.
Note: Matching thermostatic heads in DE LUXE design (chrome): S 9200 41 (M 28 x 1.5), S 9200 48 (M 30 x 1.5) - please see page 18.

VUA-50 four-port valves for thermostatic operation, thermostat connection M 30 x 1.5

Model		Dim.	Order number	Sale Unit	€
	**HERZ-VUA-50 four-port valves** **Straight model for two-pipe systems, *)** dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 200 mm, Ø = 11 mm, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.	**15** **200/11**	1 **7783** 26	**10**	
	**HERZ-VUA-50 four-port valves** **Straight model for one-pipe systems,** dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 200 mm, Ø = 11 mm, adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.	**15** **200/11**	1 **7786** 26	**10**	
	**HERZ-VUA-50 four-port valves** **Angle model for two-pipe systems, *)** dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 150 mm, Ø = 11 mm, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.	**15** **150/11**	1 **7784** 61	**10**	
	**HERZ-VUA-50 four-port valves** **Angle model for one-pipe systems,** dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 150 mm, Ø = 11 mm, adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.	**15** **150/11**	1 **7784** 62	**10**	

Design cover DE LUXE for VUA four-port valves (matching VUA-40/50 four-port valves)

	**HERZ design cover, surface white (RAL 9010)** Plastic cover, matching VUA-50 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 41/48.	1 **0110** 21	**10**	
	HERZ design cover, surface white (RAL 9010) Plastic cover, matching VUA-40 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 41/48.	1 **0112** 21	**10**	
	**HERZ design cover, surface white (RAL 9016)** Plastic cover, matching VUA-50 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 41/48.	1 **0110** 22	**10**	
	HERZ design cover, surface white (RAL 9016) Plastic cover, matching VUA-40 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 41/48.	1 **0112** 22	**10**	
	**HERZ design cover, surface chrome** Plastic cover, matching VUA-50 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 41/48.	1 **0110** 41	**10**	
	HERZ design cover, surface chrome Plastic cover, matching VUA-40 four port valves – in combination with thermostatic heads MINI DE LUXE 1 **9200** 41/48.	1 **0112** 41	**10**	

***) With pre-settable upper thermostatic insert**

Note: Matching thermostatic heads in DE LUXE design (chrome): S 9200 41 (M 28 x 1.5), S 9200 48 (M 30 x 1.5) - please see page 18.

Sleeves, nipples, seal

Model		Dim.	Order number	Sale Unit	€
	**Tapered sleeve for valve dimension DN15 / ½“ for MT G3/4“**	**G 3/4"**	1 **3001** 01	**20**	
	Tapered sleeve for valve dimension DN20 / ¾“ for MT G1“	**G 1"**	1 **3001** 02	**2**	
	**Connection nipple flat seal, set of 2** Direct radiator connection G 1/2, self-sealing with conical seal.	**G 1/2" x G 3/4"**	1 **3002** 12	**1**	
	**Flat seal, set of 2** for HERZ-3000 version to 2001.	-	1 **3002** 10	**10**	
	Flat seal, set of 2 for HERZ-3000 version (18 mm) from 2004 to 2011.	-	1 **3002** 11	**10**	
	**Connection nipple with cone, set of 2** Direct radiator connection G 1/2, self-sealing with O-ring seal, valve connection G 3/4 with cone.	**G 1/2" x G 3/4"**	1 **3002** 31	**20**	
	**Connection nipple, flat seal, set of 2** Direct radiator connection G 1/2, self-sealing with O-ring seal, valve connection G 3/4.	**G 1/2" x G 3/4"**	1 **3002** 21	**20**	
	**HERZ connection nipple, conical seal, set of 2** Direct radiator connection G 1/2, hexagon, self-sealing with O-ring seal; valve connection G 3/4 with cone.	**G 1/2" x G 3/4"**	1 **3002** 39	**20**	

Accessories

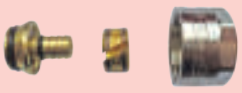
	**HERZ cover rosette of plastic,** can be shortened to length; white RAL 9010.		1 **3030** 50	**1**	
	**HERZ drain valve** Brass version, with O-ring seal, with freely-rotating union nut connection G 3/4, hose connection with cap G 3/4, hose connection must be ordered separately.	**G 3/4"**	1 **4120** 01	**20**	

Double rosettes

	**Double rosette** Pipe centre spacing 50 mm, for pipe outer diameter 14–20 mm.	1 **3003** 50	**20**	
	Double rosette Pipe centre spacing 40 mm, for pipe outer diameter 14–20 mm.	1 **6822** 40	**10**	

Plastic pipe connections G 3/4"
for PE-RT, PE-X, PB and aluminum composite pipes

G 3/4

Model		Dim.	Order number	Sale Unit	€
	**Plastic pipe connections G 3/4 for PE-X, PB and aluminium composite pipes,** consisting of spigot, olive and union nut G 3/4 with cone.	**10 x 1.3**	1 **6098** 18	**10**	
		14 x 2	1 **6098** 02	**10**	
		15 x 2.5	1 **6098** 16	**10**	
		16 x 2	1 **6098** 03	**10**	
		16 x 2.25	1 **6098** 13	**10**	
		17 x 2	1 **6098** 04	**10**	
		17 x 2.5	1 **6098** 05	**10**	
		18 x 2	1 **6098** 07	**10**	
		18 x 2.5	1 **6098** 06	**10**	
		20 x 2	1 **6098** 08	**10**	
		20 x 2.25	1 **6098** 20	**10**	
		20 x 2.5	1 **6098** 11	**10**	
		20 x 2.8	1 **6098** 09	**10**	
	Not suitable for aluminium composite pipes	**20 x 3.4**	1 **6098** 19	**10**	

Plastic pipe connections M 22 x 1.5
for PE-RT, PE-X, PB and aluminum composite pipes

M 22 x 1.5

	**Plastic pipe connections M 22 x 1.5 for PE-RT, PE-X, PB and aluminium composite pipes,** consisting of spigot, olive and union nut M 22 x 1.5.	**14 x 2**	1 **6066** 02	**10**	
		16 x 2	1 **6066** 03	**10**	
		17 x 2	1 **6066** 04	**10**	
		15 x 2,5	1 **6066** 07	**10**	

Plastic pipe connections G 1/2"
for PE-RT, PE-X, PB and aluminum composite pipes

G 1/2

	**HERZ compression adapter for plastic pipe connections,** consisting of spigot, olive and compression adapter G 1/2, suitable for HERZ valves of series “D”, TS-7728, (M 30 x 1,5) DE LUXE and RL 5.	**16 x 2**	1 **6092** 01	**10**	
	**Plastic pipe connection G 1/2 with double O-ring and isolating washer,** consisting of spigot, olive and union nut G 1/2 with cone.	**12 x 2**	1 **6092** 11	**10**	
		16 x 2	1 **6092** 13	**10**	

Plastic pipe connections G 1"
for PE-RT, PE-X, PB and aluminum composite pipes

G 1

	**Plastic pipe connections G 1S for PE-X, PB and aluminium composite pipes,** consisting of spigot, olive and union nut G 1 with cone.	**16 x 2**	1 **6198** 11	**10**	
		20 x 2	1 **6198** 12	**10**	
		25 x 3.5	1 **6198** 00	**10**	
		26 x 3	1 **6198** 01	**10**	

Compression adapters G 3/4"

G 3/4

Model		Dim.	Order number	Sale Unit	€
	**Compression adapter metallic seal,** olive with integral O-ring, metallic seal to pipe, union nut G 3/4. Suitable for soft steel and copper pipes. Not suitable for chrome-plated metal pipes and stainless steel pipes.	**8**	1 **6274** 18	**10**	
		10	1 **6274** 00	**10**	
		12	1 **6274** 01	**10**	
		14	1 **6274** 02	**10**	
		15	1 **6274** 03	**10**	
		16	1 **6274** 04	**10**	
	**Compression adapter with soft seal, olive,** solid rubber seal (EPDM) to pipe, union nut G 3/4. Only suitable for copper pipes. Not suitable for chrome-plated metal pipes, soft steel pipes or stainless steel pipes.	**12**	1 **6276** 12	**10**	
		14	1 **6276** 14	**10**	
		15	1 **6276** 15	**10**	
		16	1 **6276** 16	**10**	
		18	1 **6276** 18	**10**	

Compression adapters M 22 x 1.5

for soft steel and copper pipes

M 22 x 1.5

	**Compression adapter, metallic seal** Olive, metallic seal to pipe, union nut M 22 x 1.5. Not suitable for chrome-plated metal pipes and stainless steel pipes.	**10**	1 **6284** 00	**10**	
		12	1 **6284** 01	**10**	
		14	1 **6284** 03	**10**	
		15	1 **6284** 04	**10**	
		16	1 **6284** 05	**10**	

Compression adapters M 28 x 1.5

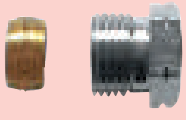
for carbon steel and copper pipes

M 28 x 1.5

	**Compression adapter, metallic seal** Olive, metallic seal to pipe, union nut M 28 x 1.5. Not suitable for chrome-plated copper pipes and soft steel pipes.	**22**	1 **6272** 31	**10**	

Compression adapters

for soft steel and copper pipes

	**Compression adapter, metallic seal** Olive, metallic seal to pipe, union nut.	**3/8" x 12**	1 **6292** 00	**10**	
		1/2" x 15	1 **6292** 01	**10**	
		3/4" x 18	1 **6292** 02	**10**	
	**Compression adapter, metallic seal,** olive with metallic seal to pipe, union nut G 1/2. Not suitable for chrome or stainless steel pipes.	**15 x 1 - G 1/2"**	1 **6294** 01	**10**	

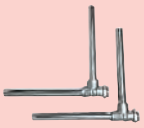
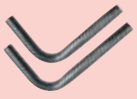
Compression adapters G 1"

for soft steel and copper pipes

G 1

	**Compression adapter, metallic seal** Olive, metallic seal to pipe, union nut G 1 with cone.	**22**	1 **6273** 01	**10**	

Connection elbow set for two-pipe systems

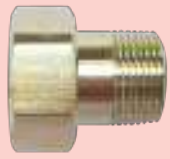
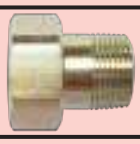
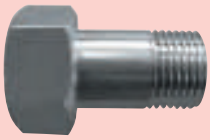
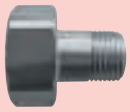
Model		Dim.	Order number	Sale Unit	€
	**HERZ valve connection elbow set** For connecting a HERZ connection set and integrated radiator valve. Valves can be shut off and drained. Copper pipe 15 x 1 nickel-plated, soldered on. Compression adapter M 22 x 1.5 for pipe connection and compression adapter for radiator connection to be ordered separately. 2x leg lengths 150 x 150 mm.	**150 x 150 mm**	1 **6332** 00	**1**	
	**Connection pipe elbow set** 15 x 1; 150 x 100 mm.	**15 x 1 150 x 100 mm**	1 **6333** 00	**1**	

Radiator connection, nickel-plated, 300 mm / 1100 mm

	16 x 2 - 15 mm / 300 mm	P **7216** 91	**50**	
	20 x 2 - 15 mm / 300 mm	P **7220** 91	**40**	
	16 x 2 - 15 mm / 1100 mm	P **7216** 92	**2**	
	20 x 2 - 15 mm / 1100 mm	P **7220** 92	**2**	
	16 x 2 - 15 mm / 300 mm	P **7116** 91	**60**	
	20 x 2 - 15 mm / 300 mm	P **7120** 91	**60**	
	16 x 2 - 15 mm / 1100 mm	P **7116** 92	**2**	
	20 x 2 - 15 mm / 1100 mm	P **7120** 92	**2**	

The matching press fitting system (HERZ Pipefix) can be found starting on page 176 ff.

Screw connections, flat seal
Iron pipe connection

Model		R	Dim. Union nut	Order number	Sale Unit	€
	**Iron pipe connection flat seal** with nut and seal, Rc for 4037, 7762, 7763, 7760.	**3/8"**	**G 5/8"**	1 **6220** 00	**20**	
		3/8"	**G 1/2"**	1 **6220** 20	**20**	
		1/2"	**G 3/4"**	1 **6220** 21	**20**	
		3/4"	**G 1"**	1 **6220** 12	**20**	
		1¼"	**G 1½"**	1 **6220** 64	**10**	
		1¼"	**G 2"**	1 **6220** 74	**10**	
		1½"	**G 2¼"**	1 **6220** 75	**6**	
		2"	**G 2¾"**	1 **6220** 76	**6**	
	**Screw connections, flat seal** with freely rotating nut and gasket, for 2682	**1/2**	**G 3/4**	1 **6221** 11	**25**	
		3/4	**G 1**	1 **6221** 12	**25**	
		1	**G 1¼**	1 **6221** 13	**16**	
		1¼	**G 1½**	1 **6221** 14	**16**	
		1½	**G 1¾**	1 **6221** 15	**8**	
		2	**G 2 ⅜**	1 **6221** 16	**4**	
	**Iron pipe connection flat seal** with nut and seal, for 4406	**1¼**	**G 1¾**	1 **6220** 94	**4**	
		1½	**G 2**	1 **6220** 95	**4**	
		2	**G 2½**	1 **6220** 96	**4**	
	**Iron pipe connection flat seal** Nut, connector element and seal 4004, 4315, 4325, 4415, 4417, 4207, 7761, 7217, 4216, 7766.	**1/2 x 38 mm**	**G 3/4"**	1 **6220** 11	**20**	
		3/4 x 44 mm	**G 1⅜"**	1 **6220** 22	**20**	
		1"	**G 1¼"**	1 **6220** 63	**10**	
		1½"	**G 1¾"**	1 **6220** 65	**6**	
		2"	**G 2 "**	1 **6220** 66	**6**	
	**Iron pipe connection, flat seal reduced** 1 x 1/2 Nut and connection piece.	**1/2"**	**G 1"**	1 **6221** 02	**20**	

Welding connection

	**Welding connection flat seal** Nut, welding nipple and seal 4004, 4315, 4325, 4415, 4417, 4207, 7761, 7217, 4216, 7766.	**21.3 mm**	**G 3/4"**	1 **6240** 01	**20**	
		26.8 mm	**G 1"**	1 **6240** 02	**20**	
		33.7 mm	**G 1¼"**	1 **6240** 63	**10**	
		41.0 mm	**G 1½"**	1 **6240** 64	**10**	
		47.5 mm	**G 1¾"**	1 **6240** 65	**6**	
		60.3 mm	**G 2⅜"**	1 **6240** 66	**6**	

Screw connections, flat seal

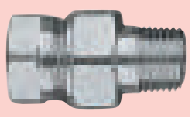
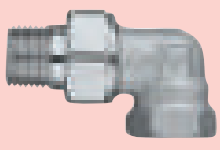
	**Adapter** for iron pipe connection.	**AG 3/4"**	**G 3/4" x M 22 x 1.5**	1 **6244** 01	**20**	

4

Solder connection

Model		R	Dim. Union nut	Order number	Sale Unit	€
	**Solder connection flat seal** with brass union nut and seal	**12 mm**	**G 1/2"**	1 **6236** 00	**20**	
		12 mm	**G 3/4"**	1 **6236** 01	**20**	
		15 mm	**G 3/4"**	1 **6236** 11	**20**	
		15 mm	**G 1"**	1 **6236** 02	**20**	
		18 mm	**G 3/4"**	1 **6236** 21	**20**	
		18 mm	**G 1"**	1 **6236** 12	**20**	
		22 mm	**G 1"**	1 **6236** 22	**20**	
		28 mm	**G 1¼"**	1 **6236** 63	**10**	
		35 mm	**G 2"**	1 **6236** 74	**10**	
		35 mm	**G 1½"**	1 **6236** 64	**10**	
		42 mm	**G 2¼"**	1 **6236** 75	**6**	
		42 mm	**G 1¾"**	1 **6236** 65	**6**	
		54 mm	**G 2¾"**	1 **6236** 76	**6**	
		54 mm	**G 2⅜"**	1 **6236** 66	**6**	

Threaded radiator connection

Model		Dim.	Order number	Sale Unit	€
	**HERZ threaded radiator connection** **Straight model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8"**	1 **4144** 00	**25**	
		1/2"	1 **4144** 01	**25**	
		3/4"	1 **4144** 02	**25**	
	Standard models with threaded socket.	**1"**	1 **4144** 03	**1**	
		1¼"	1 **4144** 04	**1**	
	**HERZ threaded radiator connection** **Angle model** Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	**3/8"**	1 **4145** 00	**25**	
		1/2"	1 **4145** 01	**25**	
		3/4"	1 **4145** 02	**25**	
	Standard models with threaded socket.	**1"**	1 **4145** 03	**1**	
		1¼"	1 **4145** 04	**1**	

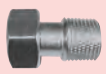
Pipe connection

Model		Dim.	Order number	Sale Unit	€
	**Pipe connection with air vent** For installation in heating and cooling systems. With G 3/4 Euro-cone connection on both sides. Material: brass With integrated air vent. Total length: 52 mm Max. operating pressure: 10 bar Max. operating temperature: 120 °C	**3/4"**	1 **6270** 02	**1**	

Reduction socket

	**Reduction socket** for connecting pipe/valve, brass version. Female thread (pipe) x male thread (valve).	**G 1 x G 1/2**	1 **6219** 03	**1**	
		G 1¼ x G 1/2	1 **6219** 04	**1**	
		G 1 x G 3/4	1 **6219** 05	**1**	
		G 1¼ x G 3/4	1 **6219** 14	**1**	

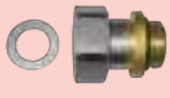
Screw connections with cone

Model		Union nut Dim.	Dim.	Order number	Sale Unit	€
	**Iron pipe connection** with cone, connection cone 90° Nut and connection piece.	**G 5/4"**	**R 1"**	1 **6209** 03	**20**	
		G 1¾	**R 1¼"**	1 **6209** 04	**20**	
	Iron pipe connection with cone. Nut and connection piece.	**G 5/8"**	**R 3/8"**	1 **6210** 00	**20**	
		G 3/4"	**R 1/2"**	1 **6210** 21	**20**	
		G 3/4"	**R 1/2" x 26**	1 **6210** 26	**20**	
		G 3/4"	**R 1/2" x 35**	1 **6210** 11	**20**	
		G 1"	**R 3/4"**	1 **6210** 02	**20**	
	**Radiator connection** Conical seal nut and connection piece without cover sleeve DE LUXE.	**G 5/8"**	**R 1/2"**	1 **6210** 44	**20**	
	**Radiator connection** with freely-rotating union nut G 3/4 and O-ring seal.	**G 3/4"**	**R 1/2"**	1 **6252** 11	**20**	
	**Radiator connection** with PTFE ring, iron pipe connection with freely-rotating union nut, radiator connection G 1/2 self-sealing.	**M 22**	**R 1/2"**	1 **6252** 01	**20**	
	**Brass radiator connection** for valves 3/4 on radiator socket 1/2, nickel-plated, nut and connection element with conical seal.	**G 1"**	**R 1/2"**	1 **6210** 12	**20**	
	**Radiator connection** for valves 1/2 on radiator socket 3/8, with cone, nut and connection piece.	**G 3/4"**	**R 3/8"**	1 **6211** 00	**20**	
	**Radiator connection** for valves 3/8 on radiator socket 1/2, with cone, nut and connection element.	**G 5/8"**	**R 1/2"**	1 **6213** 01	**20**	
	**Solder connection** Conical sealing nut of nickel-plated brass, brass soldering nipple of brass.	**G 5/8"**	**12 mm**	1 **6235** 10	**20**	
		G 1"	**18 mm**	1 **6235** 12	**20**	
		G 3/4"	**12 mm**	1 **6235** 21	**20**	
		G 3/4"	**15 mm**	1 **6235** 31	**20**	
		G 3/4"	**18 mm**	1 **6235** 41	**20**	
	**Long threaded bush** Without nut, with cone. Can be shortened to even out installation dimension differences.		**G 3/8" x 40 mm**	1 **6218** 00	**20**	
			G 1/2" x 76 mm	1 **6218** 01	**20**	
			G 3/4" x 70 mm	1 **6218** 02	**20**	
	**Threaded bush** Without nut, with cone.		**R 1/2" x 39 mm**	1 **6218** 11	**20**	
			R 1/2 x 42 mm	1 **6218** 21	**20**	
			R 1/2" x 48 mm	1 **6218** 31	**20**	
			R 1/2" x 36 mm	1 **6218** 41	**20**	
			R 1/2" x 76 mm	1 **6218** 51	**20**	
	**90° iron pipe connection elbow** of brass, nickel-plated, conical seal, without nut.		**R 3/8"**	1 **6249** 00	**20**	
			R 1/2"	1 **6249** 01	**20**	
			R 3/4"	1 **6249** 02	**20**	

Compensation adapter

Model		Dim.	Order number	Sale Unit	€
	**HERZ compensation adapter 1/2"** For compensation of different radiator hub distances 2-part, can be shortened to length, centre spacing 35–70 mm.	**1/2"**	1 **3010** 11	**20**	
	**HERZ length spacing adapter 1/2"** for spacing adapter 1 **3010** 11. For compensation of different lengths during adapter installation. Thread length 65 mm, can be shortened to 35–65 mm.	**1/2"**	1 **3011** 11	**20**	

Screw connections

	**90° connection elbow** of brass, nickel-plated pipe connection with male thread M 22 x 1.5 with freely-rotating nut, conical seal.	**M 22 x 1.5**	1 **6248** 16	**1**	
	90° connection elbow of brass, nickel-plated pipe connection with male thread G 3/4" with freely-rotating nut, conical seal.	**G 3/4"**	1 **6248** 01	**1**	
	**Screw connection** Short version, conical seal with freely-rotating union nut G 3/4", length 30 mm.	**G 3/4"**	1 **3011** 02	**20**	
	Screw connection Short version, conical seal with freely-rotating union nut G 3/4", length 28 mm.	**G 3/4" x M 22**	1 **6223** 22	**20**	
	Screw connection Long version, conical seal with freely-rotating union nut G 3/4", length 38 mm.	**G 3/4"**	1 **3011** 03	**1**	
	**Spacing adapter,** Set of 2, for compensation of different pipe connections, radius 15 mm, valve connection G 3/4" with cone, freely-rotating union nut, pipe connection G 3/4" male thread.	**G 3/4"**	1 **3004** 15	**1 set**	
	**Threaded pipe connection** with freely-rotating union nut.	**G 3/4" x 1/2" female thread**	1 **6223** 01	**1**	
	Connection nipples with freely-rotating union nut.	**G 1" x 1" female thread**	1 **6220** 73	**1**	
	**Self-sealing screw connection**, flat seal, male thread G 1/2" with freely-rotating union nut G 3/4".	**G 1/2"**	1 **6220** 70	**1**	
	**Screw connection, set of 2** Conical seal G 3/4" to flat seal G 3/4".	**G 3/4"**	1 **6220** 71	**20**	

Screw connections
Reduction

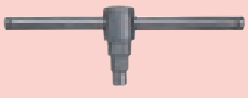
Model	Dimension	Order number	Sale Unit	€
	R 1/2" x R 3/8" of nickel-plated brass, with O-ring, temperature range from -10°C to +110°C (water from 0°C to 110°C, no steam).	1 **2333** 01	**10**	

Blind plugs, caps

Model	Dimension	Order number	Sale Unit	€
	3/8"	1 **8445** 30	**10**	
	1/2"	1 **8445** 31	**10**	
	3/4"	1 **8445** 32	**10**	
	1"	1 **8445** 33	**10**	
	G 1/2"	1 **8525** 11	**10**	
	G 3/4"	1 **8525** 12	**10**	
	G 1"	1 **8525** 13	**10**	
	M 22 x 1.5	1 **1056** 66	**20**	
	Sealing cap nickel-plated 3/4" with connection nipple for chain.	1 **8525** 52	**10**	
	Sealing cap yellow 3/4" with connection nipple for chain.	1 **8525** 02	**10**	

Tools, accessories

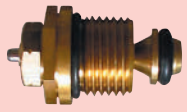
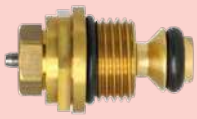
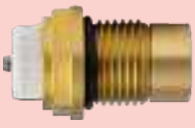
Keys and tools

Model		Order number	Sale Unit	€
	**Pre-setting key** with blue shaft for HERZ-AS standard models.	1 **6600** 00	**1**	
	**Pre-setting key** with yellow shaft for HERZ-DR-T-90 universal models.	1 **6800** 00	**1**	
	**Hexagon socket spanner SW 4** for HERZ-3000.	1 **6615** 00	**1**	
	Hexagon socket spanner SW 1.5 for HERZ-GP, locking screw pre-setting.	1 **6618** 00	**1**	
	**Multipurpose key** for HERZ-3000, HERZ return valves, HERZ radiator connection sets and four-port valves.	1 **6625** 00	**1**	
	Setting key for HERZ-4 WA-T35, straight model.	1 **6625** 41	**1**	
	**Indicator, setting and checking key** for HERZ-3000 radiator flow values.	1 **6630** 01	**1**	
	**Isolating key** for HERZ-3000.	1 **6630** 02	**1**	
	**Pre-setting key** for HERZ-RL-5.	1 **6639** 01	**1**	
	**Assembly key** for connections 3/8–3/4 with hexagon socket or assembly ribs.	1 **6680** 00	**1**	
	**Pre-setting key** for HERZ-TS-98-V and HERZ-3000 bypass body and connection parts with integrated thermostatic valve.	1 **6819** 98	**1**	

Accessories

Model		Dim.	Order number	Sale Unit	€
	**Hose connection adapter for HERZ-RL-5 and HERZ-3000** for filling and draining the radiator via the return valve. Hose connection 1 **6206** 01 must be ordered separately.	**1/2"**	1 **0256** 01	**1**	

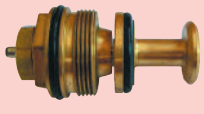
TS upper part

Model		Dim.	Order number	Sale Unit	€
	**Upper thermostatic insert** for HERZ-TS-90, HERZ-3000 and HERZ-DR-T-90 valves (3/8–3/4) as of year of manufacture 1991, 1 **6390** 92 also for HERZ-VTA-40, VUA-40 one-pipe as of year of manufacture 1992. Replacement under pressure with HERZ Changefix.	**3/8"**	1 **6390** 90	**1**	
		1/2"	1 **6390** 91	**1**	
		3/4"	1 **6390** 92	**1**	
		1"	1 **6390** 93	**1**	
	**Upper thermostatic insert** for HERZ-TS-90-H upper part for 30 x 1.5. 1 **6398** 92 also for HERZ-VTA-50, VUA-50 one-pipe. Replacement under pressure using HERZ Changefix “H”.	**1/2"**	1 **6398** 91	**1**	
		3/4"	1 **6398** 92	**1**	
	**Upper thermostatic insert with pre-setting** for HERZ-TS-98-V (cap orange). VTA-40, VUA-40 two-pipe. HERZ-3000 connection parts with integrated thermostatic valve. Replacement under pressure with HERZ Changefix.	**3/8"–3/4"**	1 **6367** 98	**1**	
	**Upper thermostatic insert with pre-setting** for HERZ-TS-98-VH upper part for M 30 x 1.5. 1 **6398** 98 also for HERZ-VTA-50, VUA-50 two-pipe. Replacement under pressure using HERZ Changefix “H”.		1 **6398** 98	**1**	
	**Thermostatic upper part** for HERZ thermostatic valves for years of manufacture 1978–1989 and converting from HERZ-AS and GP-T manual regulation valves for years of manufacture 1978–1992. Replacement part for VUA, VTA for years of manufacture 1980–1992.	**3/8"–1/2"**	1 **6376** 00	**1**	
		3/4"	1 **6376** 02	**1**	

AGA / Stelrad, years of manufacture 1980-1991

	**Upper thermostatic insert TS-90-V** Pre-settable, for retrofitting of AGA/Stelrad C32/2 compact valve connection sets 1980–1991.		1 **6367** 32	**20**	

Upper part

	**Upper thermostatic insert** Replacement under pressure with HERZ Changefix, for CALIS-TS	**1/2"–3/4"**	1 **6329** 01	**1**	
	for CALIS-TS-3-D	**1/2"–3/4"**	1 **6329** 11	**1**	
	for CALIS-TS-E-3-D (not replaceable under pressure)	**3/4"**	1 **6329** 22	**1**	

The HERZ-TS-90 upper thermostatic inserts 1 **6365** 69–1 **6365** 99, 1 **6367** 97, 1 **6367** 98 **and** 1 **6390** 90–1 **6390** 92, **are interchangeable with respect to dimension. Replacement under pressure possible with HERZ Changefix** 1 **7780** 00 .

Spare parts

O-ring sets

Model		Order number	Sale Unit	€
	**O-ring box, red** Each with 20 O-rings and Klingerit seals and cleaning tool for HERZ-AS, DN 25.	1 **6710** 00	**1**	
	O-ring box, yellow 20 O-rings and Klingerit seals and cleaning tool for HERZ-AS-T. DN 10 to DN 20.	1 **6810** 00	**1**	
	**Compression gland-set** 20 screw-in-upper-parts with O-ring for HERZ AS-T-90 radiator control valves.	1 **6810** 90	**1**	
	**Packing gland-set** 20 O-ring nuts for HERZ-TS thermostatic valves without presetting, as well as CALIS-TS three-way valves and VTA and VUA four-way valves without presetting.	1 **6890** 00	**1**	

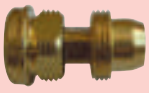
GP spindle seal set

	**Spindle seal set** for repair of the spindle seal of HERZ-GP radiator regulating valves without pre-setting. Current GP.	1 **6701** 00	**20**	
	Spindle seal set for HERZ-GP radiator control valves with pre-setting. Current GP.	1 **6702** 00	**20**	

Compression gland-set for GP-T and STRÖMAX-M, R

	**O-ring set, yellow** 20 O-ring chambers, for STRÖMAX-M and STRÖMAX-R.	1 **6705** 00	**1**	

Upper part

Model		Dim.	Order number	Sale Unit	€
	**Upper part** for HERZ-RL-1-E, shutoff valves **8437**, **8438**, **8537** and **8538**.	**1/2"–1"**	1 **6301** 00	**20**	
	**Upper part** for HERZ-3000 bypass body and connection parts with draining and for HERZ-RL-4 single shutoff valves.	**3/8"–3/4"**	1 **6302** 00	**20**	
	**Upper part** for HERZ-RL-5.	**3/8"–3/4"**	1 **6304** 00	**20**	
	**Upper part** for HERZ-DR-T-90 universal models.	**3/8"**	1 **6310** 90	**20**	
		1/2"	1 **6310** 91	**20**	
		3/4"	1 **6310** 92	**20**	
	for HERZ-AS standard models	**1"**	1 **6310** 03	**20**	

Hand wheels

	**Hand wheel** for HERZ-GP radiator control valves incl. fastening screw.	**3/8"–3/4"**	1 **6501** 10	**20**	
	**Stop cap** for HERZ-GP radiator control valves.	**3/8"–3/4"**	1 **6503** 10	**20**	
	**Hand wheel, colour white** for HERZ-DR-T-90 radiator control valves incl. screw plates.	**3/8"–3/4"**	1 **6510** 90	**20**	
	**Hand wheel, colour grey** for HERZ-AS radiator control valves incl. insert plates and screw.	**1"–1¼"**	1 **6510** 03	**20**	
	**Stop cap** for HERZ-DR-T-90 radiator control valves incl. fastening screw.	**3/8"–3/4"**	1 **6512** 90	**20**	



5

Control and Regulating Valves

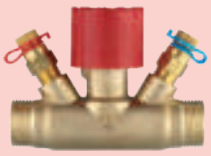
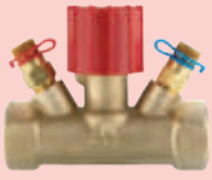
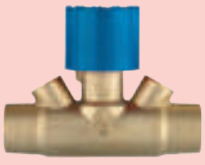
Commissioning valve with integral orifice, inclined body

Model		kvs	DN	Order number	Sale Unit	€
 4017 M	**HERZ commissioning valve with integral orifice** Inclined body, non-rising spindle – socket x socket, of dezincification-resistant brass, pre-setting via stroke limitation, digital display of the pre-setting level in the hand wheel window – for regulation of flow rate via differential pressure measurement, compression adapters for the connection of calibrated soft steel, copper or plastic pipes are available (DN 15 and DN 20), spindle sealing with triple O-ring – 2 test points for differential pressure measurement on the orifice. Test points in extended design available as accessories. Max. operating temperature to DN 32 130°C from DN 40 110°C Max. operating pressure 20 bar.	**0.46**	**15 LF**	1 **4017** 11	**10**	
		0.88	**15 MF**	1 **4017** 21	**10**	
		2.00	**15**	1 **4017** 01	**10**	
		3.60	**20**	1 **4017** 02	**10**	
		6.50	**25**	1 **4017** 03	**10**	
		13.30	**32**	1 **4017** 04	**5**	
		18.50	**40**	1 **4017** 05	**5**	
		33.00	**50**	1 **4017** 06	**5**	
 4017 ML	**HERZ commissioning valve with integral orifice and capillary connection** Inclined body, non-rising spindle – socket x socket, of dezincification-resistant brass, pre-setting via stroke limitation, digital display of the pre-setting level in the hand wheel window – for regulation of flow rate via differential pressure measurement, compression adapters for the connection of calibrated soft steel, copper or plastic pipes are available (DN 15 and DN 20), spindle sealing with triple O-ring – 2 test points for differential pressure measurement on the orifice. Test points in extended design available as accessories. Max. operating temperature to DN 32 130°C from DN 40 110°C Max. operating pressure 20 bar.	**0.46**	**15 LF**	1 **4017** 30	**10**	
		0.88	**15 MF**	1 **4017** 39	**10**	
		2.00	**15**	1 **4017** 31	**10**	
		3.60	**20**	1 **4017** 32	**10**	
		6.50	**25**	1 **4017** 33	**10**	
		13.30	**32**	1 **4017** 34	**5**	
		18.50	**40**	1 **4017** 35	**5**	
		33.00	**50**	1 **4017** 36	**5**	
 4017 R	**HERZ commissioning valve** Inclined body, non-rising spindle – socket x socket, of dezincification-resistant brass, pre-setting via stroke limitation, digital display of the pre-setting level in the hand wheel window – for regulation of flow rate, compression adapters for the connection of calibrated soft steel, copper or plastic pipes are available (DN 15 and DN 20), spindle sealing with triple O-ring. Max. operating temperature to DN 32 130°C from DN 40 110°C Max. operating pressure 20 bar.	**2.00**	**15**	1 **4017** 61	**10**	
		3.60	**20**	1 **4017** 62	**10**	
		6.50	**25**	1 **4017** 63	**10**	
		13.30	**32**	1 **4017** 64	**10**	
		18.50	**40**	1 **4017** 65	**5**	
		33.00	**50**	1 **4017** 66	**5**	

Commissioning valves for differential pressure measurement, straight body

Model		kvs	DN	Order number	Sale Unit	€
 **4217 GM STRÖMAX**	**STRÖMAX-GM, commissioning valve for differential pressure measurement with straight body, with linear characteristic graph and test points.** Dezincification-resistant brass, non-rising spindle, socket x socket, spindle sealing with double O-ring. Linear characteristic graph. Pre-setting via stroke limitation, digital display of the pre-setting in the hand wheel window. Pre-setting tampering seal 1 **6517** 04 and pre-setting marker 1 **6517** 05 are included. Adapters and compression adapters must be ordered separately. Max. operating temperature: to DN 32 130°C, from DN 40 110°C. Max. operating pressure: 16 bar.	**0.93**	**15 LF**	1 **4217** 30	**10**	
		3.41	**15 MF**	1 **4217** 31	**10**	
		5.56	**15**	1 **4217** 01	**10**	
		6.40	**20**	1 **4217** 32	**10**	
		9,29	**25**	1 **4217** 33	**10**	
		18.69	**32**	1 **4217** 34	**5**	
		24.39	**40**	1 **4217** 35	**5**	
		34,41	**50**	1 **4217** 36	**5**	
		53.05	**65**	1 **4217** 07	**1**	
		71.62	**80**	1 **4217** 08	**1**	
 **4217 GML**	**STRÖMAX-GML, commissioning valve for differential pressure measurement with straight body, with linear characteristic graph and test points (with integrated capillary connection on output side).** Dezincification-resistant brass, non-rising spindle, socket x socket, spindle sealing with double O-ring. Linear characteristic graph. Pre-setting via stroke limitation, digital display of the pre-setting in the hand wheel window. Pre-setting tampering seal 1 **6517** 04 and pre-setting marker 1 **6517** 05 are included. Adapters and compression adapters must be ordered separately. Max. operating temperature: to DN 32 130°C, from DN 40 110°C. Max. operating pressure: 16 bar.	**0.93**	**15 LF**	1 **4217** 10	**10**	
		3.41	**15 MF**	1 **4217** 19	**10**	
		5.56	**15**	1 **4217** 11	**10**	
		6.40	**20**	1 **4217** 12	**10**	
		9.29	**25**	1 **4217** 13	**10**	
		18.69	**32**	1 **4217** 14	**5**	
		24.39	**40**	1 **4217** 15	**5**	
		34.41	**50**	1 **4217** 16	**5**	
		53.05	**65**	1 **4217** 17	**1**	
		71.62	**80**	1 **4217** 18	**1**	
 **4217 GR**	**STRÖMAX-GR, commissioning valve with straight body** Dezincification-resistant brass, non-rising spindle, socket x socket, spindle sealing with double O-ring. Linear characteristic graph. Pre-setting via stroke limitation, digital display of the pre-setting in the hand wheel window. Pre-setting tampering seal 1 **6517** 04 and pre-setting marker 1 **6517** 05 are included. Adapters and compression adapters must be ordered separately. Max. operating temperature: to DN 32 130°C, from DN 40 110°C. Max. operating pressure: 16 bar.	**5.56**	**15**	1 **4217** 61	**10**	
		6.40	**20**	1 **4217** 62	**10**	
		9.29	**25**	1 **4217** 63	**10**	
		18.69	**32**	1 **4217** 64	**5**	
		24.39	**40**	1 **4217** 65	**5**	
		34.41	**50**	1 **4217** 66	**5**	
		53.05	**65**	1 **4217** 67	**1**	
		71.62	**80**	1 **4217** 68	**1**	

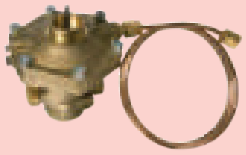
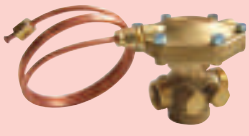
Regulating valves

Model		kvs	DN	Order number	Sale Unit	€
	**Regulating valve, straight body with test points G (male thread)** Body of dezincification-resistant brass for hydraulic compensation in chilled ceiling systems and fan coils. 2 test points (**0284**), pre-setting via stroke limitation, pipe connection on both sides with male thread.	**3.4**	**15**	1 **4216** 21	**10**	
		3.4	**20**	1 **4216** 22	**10**	
	**Regulating valve, straight body with test points, Rp (female thread)** Body of dezincification-resistant brass for hydraulic compensation in chilled ceiling systems and fan coils. 2 test points (**0284**), pre-setting via stroke limitation, pipe connection on both sides with threaded sockets.	**3.4**	**15**	1 **4216** 31	**10**	
		3.4	**20**	1 **4216** 32	**10**	
	**Regulating valve for solar systems** STRÖMAX-4216 with solder connection. Max. operating temperature to 200°C Solder connection for DN 15, 15 mm Solder connection for DN 20, 22 mm	**3.4**	**15**	1 **4216** 11	**10**	
		3.4	**20**	1 **4216** 12	**10**	

Commissioning valve for differential pressure measurement

Model		kvs	DN	Order number	Sale Unit	€
	**STRÖMAX-GN, commissioning valve for differential pressure measurement with straight body, with test points, with equal percentage characteristic graph** Brass version, body of dezincification-resistant brass (DR), socket x socket, rising spindle, spindle sealing via double O-ring, 2 test points situated either side of the hand wheel, equal percentage characteristic graph, pre-setting via stroke limitation, display of the pre-setting on the hand wheel shaft, Max. operating temperature: to DN 32 130°C from DN 40 110°C Max. operating pressure: 25 bar Pre-setting marker 1 **6517** 05 must be ordered separately.	**1,04**	**15LF**	1 **4217** 70	**1**	
		1,76	**15**	1 **4217** 71	**1**	
		2,38	**20**	1 **4217** 72	**1**	
		5,24	**25**	1 **4217** 73	**1**	
		8,56	**32**	1 **4217** 74	**1**	
		11,53	**40**	1 **4217** 75	**1**	
		17,16	**50**	1 **4217** 76	**1**	

Differential pressure controllers

Model		l/h	DN	Dim.	Order number	Sale Unit	€
 4002-FIX-TS	**HERZ differential pressure controller 4002 FIX TS** Differential pressure 23 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing, threaded connection for drives M 28 x 1.5, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-900	15	G 3/4"	1 **4002** 81	1	
		100-1200	20	G 1"	1 **4002** 82	1	
		150-1800	25	G 5/4"	1 **4002** 83	1	
		200-4000	32	G 1½"	1 **4002** 84	1	
		400-6500	40	G 1¾"	1 **4002** 85	1	
		400-7000	50	G 2 ⅜"	1 **4002** 86	1	
	HERZ differential pressure controller 4002 FIX TS Differential pressure 50 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 and DN 50 flat sealing. Threaded connection for drives M 28 x 1.5; 4 mm stroke. Drives, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-900	15	G 3/4"	1 **4002** 91	1	
		100-1200	20	G 1"	1 **4002** 92	1	
		150-1800	25	G 5/4"	1 **4002** 93	1	
		200-4000	32	G 1½"	1 **4002** 94	1	
		400-6500	40	G 1¾"	1 **4002** 95	1	
		400-7000	50	G 2 ⅜"	1 **4002** 96	1	
 4002-FIX	**HERZ differential pressure controller 4002 FIX** Differential pressure 23 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-900	15	G 3/4"	1 **4002** 21	1	
		100-1200	20	G 1"	1 **4002** 22	1	
		150-1800	25	G 5/4"	1 **4002** 23	1	
		200-4000	32	G 1½"	1 **4002** 24	1	
		400-6500	40	G 1¾"	1 **4002** 25	1	
		400-7000	50	G 2 ⅜"	1 **4002** 26	1	

Differential pressure controller FIX

Model		max l/h	DN	Dim.	Order number	Sale Unit	€
 4012-FIX	**HERZ differential pressure controller 4012 FIX** Differential pressure 15 kPa permanently set, compact shape, body of dezincification-resistant brass, male thread connection with flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	1400	15	G 3/4	1 **4012** 50	1	
		2000	20	G 1	1 **4012** 59	1	
	HERZ differential pressure controller 4012 FIX Differential pressure 20 kPa permanently set, compact shape, body of dezincification-resistant brass, male thread connection with flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	1500	15	G 3/4	1 **4012** 51	1	
		2200	20	G 1	1 **4012** 52	1	
 4212-FIX	**HERZ differential pressure controller 4212 FIX** Differential pressure 15 kPa permanently set, compact shape, body of dezincification-resistant brass, female thread. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	1400	15	Rp 1/2	1 **4212** 50	1	
		2000	20	Rp 3/4	1 **4212** 59	1	
	HERZ differential pressure controller 4212 FIX Differential pressure 20 kPa permanently set, compact shape, body of dezincification-resistant brass, female thread. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	1500	15	Rp 1/2	1 **4212** 51	1	
		2200	20	Rp 3/4	1 **4212** 52	1	

Differential pressure controllers FIX TS

Model		max l/h	DN	Dim.	Order number	Sale Unit	€
 4012-FIX TS	**HERZ differential pressure controller 4012 FIX TS** Differential pressure 15 kPa permanently set, compact shape, brass body, male thread connection with flat sealing. Threaded connection for actuators M 28 x 1,5; 4 mm stroke. Actuators, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	**1000**	**15**	**G 3/4**	1 **4012** 60	**1**	
		1400	**20**	**G 1**	1 **4012** 69	**1**	
	HERZ differential pressure controller 4012 FIX TS Differential pressure 20 kPa permanently set, compact shape, brass body, male thread connection with flat sealing. Threaded connection for actuators M 28 x 1,5; 4 mm stroke. Actuators, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	**1400**	**15**	**G 3/4**	1 **4012** 61	**1**	
		1600	**20**	**G 1**	1 **4012** 62	**1**	
 4212-FIX TS	**HERZ differential pressure controller 4212 FIX TS** Differential pressure 15 kPa permanently set, compact shape, brass body, female thread. Threaded connection for actuators M 28 x 1,5; 4 mm stroke. Actuators, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	**1000**	**15**	**Rp 1/2**	1 **4212** 60	**1**	
		1400	**20**	**Rp 3/4**	1 **4212** 69	**1**	
	HERZ differential pressure controller 4212 FIX TS Differential pressure 20 kPa permanently set, compact shape, brass body, female thread. Threaded connection for actuators M 28 x 1,5; 4 mm stroke. Actuators, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	**1400**	**15**	**Rp 1/2**	1 **4212** 61	**1**	
		1600	**20**	**Rp 3/4**	1 **4212** 62	**1**	

Differential pressure controllers

Model		l/h	DN	Dim.	Order number	Sale Unit	€
	**HERZ differential pressure controller 4007 with threaded socket** Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 5–30 kPa continuously adjustable. Dezincification-resistant brass, threaded socket on both sides, incl. capillary 1000 mm.	50-1200	15	1/2"	1 **4007** 01	1	
		50-1200	20	3/4"	1 **4007** 02	1	
		200-4000	25	1"	1 **4007** 03	1	
		250-4250	32	1¼"	1 **4007** 04	1	
		200-5750	40	1½"	1 **4007** 05	1	
		750-9000	50	2"	1 **4007** 06	1	
		750-10000	65	2½"	1 **4007** 07	1	
		750-12000	80	3"	1 **4007** 08	1	
 **4007**	**HERZ differential pressure controller 4007 FIX WE with threaded socket** Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 23 kPa permanently set. Dezincification-resistant brass, threaded socket on both sides, inc. capillary 1000 mm. DN 15–50 approval “Class A” Wien Energie.	100-600	15	1/2"	1 **4007** 51	1	
		150-780	20	3/4"	1 **4007** 52	1	
		200-1500	25	1"	1 **4007** 53	1	
		300-2500	32	1¼"	1 **4007** 54	1	
		400-4700	40	1½"	1 **4007** 55	1	
		600-6100	50	2"	1 **4007** 56	1	
		750-10000	65	2½"	1 **4007** 57	1	
		750-12000	80	3"	1 **4007** 58	1	
 **4002**	**HERZ differential pressure controller - 30 kPa** Differential pressure regulation range 5–30 kPa, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-1300	15	G 3/4"	1 **4002** 41	1	
		100-1600	20	G 1"	1 **4002** 42	1	
		150-2000	25	G 5/4"	1 **4002** 43	1	
		200-5000	32	G 1½	1 **4002** 44	1	
		400-8000	40	G 1¾"	1 **4002** 45	1	
		400-9000	50	G 2 ⅜"	1 **4002** 46	1	
	HERZ differential pressure controller - 60 kPa Differential pressure regulation range 25–60 kPa, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-1300	15	G 3/4"	1 **4002** 61	1	
		100-1600	20	G 1"	1 **4002** 62	1	
		150-2200	25	G 5/4"	1 **4002** 63	1	
		200-7500	32	G 1½"	1 **4002** 64	1	
		500-9000	40	G 1¾"	1 **4002** 65	1	
		500-10000	50	G 2 ⅜"	1 **4002** 66	1	
	**HERZ differential pressure controller - 150 kPa** Differential pressure regulation range 50–150 kPa, compact shape, body of dezincification-resistant brass, with male thread connection flat sealing. Screw connections must be ordered separately. Incl. capillary 1000 mm.	50-1500	15	G 3/4"	1 **4002** 31	1	
		100-1900	20	G 1"	1 **4002** 32	1	
		150-4000	25	G 5/4"	1 **4002** 33	1	
		200-5200	32	G 1½"	1 **4002** 34	1	
		500-8000	40	G 1¾"	1 **4002** 35	1	
		500-9000	50	G 2 ⅜"	1 **4002** 36	1	

Differential pressure controllers

Model		l/h	DN	Order number	Sale Unit	€
 4202	**HERZ differential pressure controller - 30 kPa** Differential pressure regulation range 5–30 kPa, compact shape, body of dezincification-resistant brass, threaded sockets on both sides. Incl. capillary 1000 mm.	50-1300	15	1 **4202** 41	1	
		100-1600	20	1 **4202** 42	1	
		150-2000	25	1 **4202** 43	1	
		200-5000	32	1 **4202** 44	1	
		400-8000	40	1 **4202** 45	1	
		400-9000	50	1 **4202** 46	1	
	HERZ differential pressure controller - 60 kPa Differential pressure regulation range 25–60 kPa, compact shape, body of dezincification-resistant brass, threaded sockets on both sides. Incl. capillary 1000 mm.	50-1300	15	1 **4202** 61	1	
		100-1600	20	1 **4202** 62	1	
		150-2200	25	1 **4202** 63	1	
		200-7500	32	1 **4202** 64	1	
		500-9000	40	1 **4202** 65	1	
		500-10000	50	1 **4202** 66	1	
 4202-FIX	**HERZ differential pressure controller 4202 FIX** Differential pressure 23 kPa permanently set, compact shape, body of dezincification-resistant brass, threaded sockets on both sides. Incl. capillary 1000 mm.	50-900	15	1 **4202** 21	1	
		100-1200	20	1 **4202** 22	1	
		150-1800	25	1 **4202** 23	1	
		200-4000	32	1 **4202** 24	1	
		400-6500	40	1 **4202** 25	1	
		400-7000	50	1 **4202** 26	1	
 4202-FIX-TS	**HERZ differential pressure controller 4202 FIX TS** Differential pressure 23 kPa permanently set, compact shape, body of dezincification-resistant brass. Threaded connection for drive M 28 x 1.5; 4 mm stroke. Drives must be ordered separately. Incl. capillary 1000 mm.	50-900	15	1 **4202** 81	1	
		100-1200	20	1 **4202** 82	1	
		150-1800	25	1 **4202** 83	1	
		200-4000	32	1 **4202** 84	1	
		400-6500	40	1 **4202** 85	1	
		400-7000	50	1 **4202** 86	1	

	**HERZ differential pressure controller - 150 kPa** Differential pressure regulation range 50–150 kPa, compact shape, body of dezincification-resistant brass, threaded sockets on both sides. Incl. capillary 1000 mm.	50-1500	15	1 **4202** 31	1	
		100-1900	20	1 **4202** 32	1	
		150-4000	25	1 **4202** 33	1	
		200-5200	32	1 **4202** 34	1	
		500-8000	40	1 **4202** 35	1	
		500-9000	50	1 **4202** 36	1	

Differential pressure controllers VS-TS with flow limitation

Model		Q_{max}, l/h	DN	Dim.	Order number	Sale Unit	€
 4012	**HERZ differential pressure controller with integrated regulating valve, shut off valve and zone valve** Compact shape, body of dezincification-resistant brass, male thread connection with conus, max. operating pressure: 16 bar, max. operating temperature: 130 °C (no steam), Threaded connection for drives M 28 x 1.5, inc. capillary 1000 mm with connection nipple ¼“, connectable e.g. to shut off valves **4115** 1x and **4125** 7x or to commissioning valves **4017** 3x and **4217** 1x, pre-setting key for differential pressure controller (1 **4006** 02). Compression adapters, screw connections and actuators must be ordered separately.	**560**	**15 LF**	**G 3/4"**	1 **4012** 30	**1**	
		1400	**15 LP**	**G 3/4"**	1 **4012** 31	**1**	
		2000	**15 HP**	**G 3/4"**	1 **4012** 41	**1**	
		1950	**20 LP**	**G 1"**	1 **4012** 32	**1**	
		2100	**20 HP**	**G 1"**	1 **4012** 42	**1**	
	**HERZ differential pressure controller with integrated regulating valve, shut off valve and zone valve** Compact shape, body of dezincification-resistant brass, female thread, max. operating pressure: 16 bar, max. operating temperature: 130 °C (no steam), Threaded connection for drives M 28 x 1.5. Actuator not included. inc. capillary 1000 mm with connection nipple ¼“.	**1400**	**15 LP**	**Rp 1/2"**	1 **4212** 31	**1**	
		2000	**15 HP**	**Rp 1/2"**	1 **4212** 41	**1**	
		1950	**20 LP**	**Rp 3/4"**	1 **4212** 32	**1**	
		2100	**20 HP**	**Rp 3/4"**	1 **4212** 42	**1**	

Differential pressure overflow valves

Model		l/h	DN	Order number	Sale Unit	€
 4004	**HERZ differential pressure overflow valve, straight model** One-part metal body, nickel-plated model; for flat-sealing screw connection of choice. Screw connections must be ordered separately.	**10-2000**	**15**	1 **4004** 31	**1**	
		10-2000	**20**	1 **4004** 32	**1**	
 4004	**HERZ differential pressure overflow valve, angle model** One-part metal body, nickel-plated model; for flat-sealing screw connection of choice. Screw connections must be ordered separately.	**10-2000**	**15**	1 **4004** 41	**1**	
		10-2000	**20**	1 **4004** 42	**1**	

2-port valve

Model		kvs	DN	Order number	Sale Unit	€
	**2-port valve, pre-settable, pressure relieved** Compact shape, body of brass, flat-sealing male threaded connection. conical sealing: 1 **4035** 18, 1 **4035** 19, threaded connection for drive M 28 x 1,5, model with 2 test points. Actuator must be ordered separately. Max. operating pressure 25 bar, max. operating temperature 130 °C, min. operating temperature 2 °C (water), - 20 °C (antifreeze).	**1,7**	**15SF**	1 **4035** 01	**1**	
		2,8	**15HF**	1 **4035** 11	**1**	
		1,7	**15SF**	1 **4035** 18	**1**	
		2,8	**15HF**	1 **4035** 19	**1**	
		3,2	**20SF**	1 **4035** 02	**1**	
		4,9	**20HF**	1 **4035** 12	**1**	
		4,9	**25**	1 **4035** 03	**1**	
		11,2	**32**	1 **4035** 04	**1**	

Combi valve - pressure independent control valves

Model		max Δp, bar	l/h	DN	Dim.	Order number	Sale Unit	€
 4006 M SMART	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, male thread connection with flat sealing, threaded connection for drive M 28 x 1.5, model with 2 test points. Compression adapters, screw connections and actuator must be ordered separately. Max. operating pressure 25 bar, max. operating temperature 130 °C, min. operating temperature 2 °C (water), - 20 °C (frost protection).	6	20 - 200	15 LF	G 3/4	1 **4006** 49	1	
			160 - 800	15SF	G 3/4	1 **4006** 51	1	
			240 - 1200	15HF	G 3/4	1 **4006** 71	1	
			240 - 1200	20SF	G 1	1 **4006** 52	1	
			400 - 2000	20HF	G 1	1 **4006** 72	1	
 4006 M SMART	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, male thread connection with flat sealing, threaded connection for drive M 28 x 1.5, model with 3 test points. Compression adapters, screw connections and actuator must be ordered separately. Max. operating pressure 25 bar, max. operating temperature 130 °C, min. operating temperature 2 °C (water), - 20 °C (frost protection).	6	20 - 200	15LF	G ¾	1 **4006** 40	1	
			160 - 800	15SF	G ¾	1 **4006** 56	1	
			240 - 1200	15HF	G ¾	1 **4006** 76	1	
			240 - 1200	20SF	G 1	1 **4006** 57	1	
			400 - 2000	20HF	G 1	1 **4006** 77	1	
 4006 R SMART	As above, but without test points.	6	20 - 200	15LF	G 3/4	1 **4006** 90	1	
			160 - 800	15SF	G 3/4	1 **4006** 91	1	
			240 - 1200	15HF	G 3/4	1 **4006** 81	1	
			240 - 1200	20SF	G 1	1 **4006** 92	1	
			400 - 2000	20HF	G 1	1 **4006** 82	1	
 4406 M	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, male thread connection flat sealing, threaded connection for drive M 28 x 1.5, model with 2 test points. Compression adapters, screw connections and actuator must be ordered separately.	6	3300	25	1¼	1 **4406** 23	1	
			6000	32	1¾	1 **4406** 24	1	
			7500	40	G 2	1 **4406** 25	1	
			12000	50	2 ½	1 **4406** 26	1	
 4406 M	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, male thread connection with flat sealing, threaded connection for drive M 28 x 1.5, model with 3 test points. Compression adapters, screw connections and actuator must be ordered separately. Max. operating pressure 25 bar, max.operating temperature up to DN 32: 130 °C, DN 40 - DN 50: 110 °C, min.operating temperature 2 °C (water), - 20 °C (frost protection).	6	3300	25	G 1¼	1 **4406** 33	1	
			6000	32	G 1¾	1 **4406** 34	1	
			7500	40	G 2	1 **4406** 35	1	
			12000	50	G 2½	1 **4406** 36	1	

Combi valve - pressure independent control valves

Model		max Δp, bar	l/h	DN	Dim.	Order number	Sale Unit	€
 4206 M SMART	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, female thread, threaded connection for drive M 28 x 1.5, model with 2 test points. Compression adapters, screw connections and actuator must be ordered separately. Max. operating pressure 25 bar, max. operating temperature 130 °C, min. operating temperature 2 °C (water), - 20 °C (frost protection).	6	20-200	15LF	Rp ½	1 **4206** 49	1	
			160 - 800	15SF	Rp ½	1 **4206** 01	1	
			240 - 1200	15HF	Rp ½	1 **4206** 71	1	
			240 - 1200	20SF	Rp ¾	1 **4206** 02	1	
			400 - 2000	20HF	Rp ¾	1 **4206** 72	1	
 4206 M SMART	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, female thread, threaded connection for drive M 28 x 1.5, model with 3 test points. Compression adapters, screw connections and actuator must be ordered separately. Max. operating pressure 25 bar, max. operating temperature 130 °C, min. operating temperature 2 °C (water), - 20 °C (frost protection).	6	20 - 200	15LF	Rp ½	1 **4206** 40	1	
			160 - 800	15SF	Rp ½	1 **4206** 06	1	
			240 - 1200	15HF	Rp ½	1 **4206** 76	1	
			240 - 1200	20SF	Rp ¾	1 **4206** 07	1	
			400 - 2000	20HF	Rp ¾	1 **4206** 77	1	
 4206 R SMART	As above, but without test points	6	20 - 200	15LF	Rp ½	1 **4206** 90	1	
			160 - 800	15SF	Rp ½	1 **4206** 91	1	
			240 - 1200	15HF	Rp ½	1 **4206** 81	1	
			240 - 1200	20SF	Rp ¾	1 **4206** 92	1	
			400 - 2000	20HF	Rp ¾	1 **4206** 82	1	
 4206 M	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, female thread, threaded connection for drive M 28 x 1.5, model with 2 test points. Compression adapters, screw connections and actuator must be ordered separately. Max. operating pressure 25 bar, max. operating temperature up to DN 32: 130 °C, DN 40 - DN 50: 110 °C, min. operating temperature 2 °C (water), - 20 °C (frost protection).	6	3300	25	Rp 1	1 **4206** 33	1	
			6000	32	Rp 1¼	1 **4206** 34	1	
			7500	40	Rp 1½	1 **4206** 35	1	
			12000	50	Rp 2	1 **4206** 36	1	
 4206 M	**HERZ pressure independent control valve** Compact shape, body of dezincification-resistant brass, female thread, threaded connection for drive M 28 x 1.5, model with 3 test points. Compression adapters, screw connections and actuator must be ordered separately. Max. operating pressure 25 bar, max. operating temperature up to DN 32: 130 °C, DN 40 - DN 50: 110 °C, min. operating temperature 2 °C (water), - 20 °C (frost protection).	6	3300	25	Rp 1	1 **4206** 53	1	
			6000	32	Rp 1¼	1 **4206** 54	1	
			7500	40	Rp 1½	1 **4206** 55	1	
			12000	50	Rp 2	1 **4206** 56	1	

Control and regulating valve, V

Model		kvs	DN	Order number	Sale Unit	€
 7217 V	**HERZ control and regulating valve, inclined body,** integral orifice (LF, MF), body of dezincification-resistant brass, drive threaded connection M 28 x 1.5, 4.0 mm stroke, pre-settable kvs 0.4–3.9, for increased differential pressures in heating and cooling systems. Compression adapters must be ordered separately. Pre-setting key 1 **6819** 72 must be ordered separately. Accessories: actuating drive.	**1.70**	**15**	1 **7217** 51	**1**	
		0.45	**15 LF**	1 **7217** 50	**1**	
		0.88	**15 MF**	1 **7217** 59	**1**	
		3.40	**20**	1 **7217** 52	**1**	

Control and regulating valve, GV

 7217 GV	**HERZ control and regulating valve GV** for the regulation of high flow rates, body of dezincification-resistant brass with pressure-independent, pre-settable upper part regulator drive M 28 x 1.5 for constant or 2-point drive, stroke 4.0 mm. Pipe connection on both sides with female thread. Actuator must be ordered separately. Setting key 1 **4006** 02 must be ordered separately.	**5.0**	**15**	1 **7217** 71	**1**	
		5.6	**20**	1 **7217** 72	**1**	
		7.78	**25**	1 **7217** 73	**1**	

Control valve

 7217-98-V	**Thermostatic control valve TS-98-V, straight body with test points, Rp (female thread)** Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-98 for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting is continuous and external. The TS-98-V setting key (1 **6819** 98) must be ordered separately. Pipe connection on both sides with female thread Rp 1/2 for press fitting connection. Press connections must be ordered separately.	**1.1**	**15**	1 **7217** 37	**1**	
 7217-98-V	**Thermostatic control valve TS-98-V, straight body with test points, G (male thread)** Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-98 for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting is continuous and external. The setting key (1 **6819** 98) must be ordered separately. Pipe connection on both sides with male thread G 3/4 for compression adapter and press fitting connection. Compression adapters and press connections must be ordered separately.	**1.1**	**15**	1 **7217** 67	**1**	
 7217-99-FV	**Thermostatic control valve TS-99-FV, straight body with test points, Rp (female thread)** Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-99-FV for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting takes place via a stepwise pre-setting externally. The setting key (1 **6819** 98) must be ordered separately. Pipe connection on both sides with female thread Rp 1/2 for press fitting connection. Press connections must be ordered separately.	**0.4**	**15**	1 **7217** 38	**1**	
 7217-99-FV	**Thermostatic control valve TS-99-FV, straight body with test points, G (male thread)** Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-99-FV for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting takes place via a stepwise pre-setting externally. The setting key (1 **6819** 98) must be ordered separately. Pipe connection on both sides with male thread G 3/4 for compression adapter and press fitting connection. Compression adapters and press connections must be ordered separately.	**0.4**	**15**	1 **7217** 68	**1**	

The installed **seat gasket** is a permanently elastic and temperature-resistant soft seal.
Valve spindle: For **7217 TS-98-V and TS 99-FV**, an O-ring serves as spindle seal and is mounted in a brass chamber that can be replaced during operation. The O-ring ensures minimal maintenance and long-lasting easy valve motion.

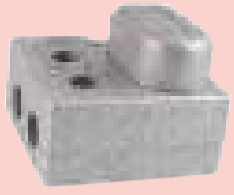
HerzCON - direct connection for fan coils

Model		max Δp, bar	l/h	DN	Order number	Sale Unit	€
	**HerzCON is a simple and reliable direct connection for fan coils with 65 mm pipe centre spacing.** • Models with 65 mm pipe centre spacing • Enables processes such as regulation, flushing and isolation • Including bypass for flushing according to BSRIABG29/2011 • All components of dezincification-resistant brass • Suitable for heating and cooling systems • HERZ 4006 SMART PICV • Multifunctional HERZ ball valve • HERZ strainer with HERZ drain valve 2512 • Including black insulation box max. operating temperature 130 °C, min. operating temperature -20 °C, max. operating pressure 25 bar. DN 15LF, DN 15SF, DN 15HF, DN 20SF, DN 20HF model with 3 test points. Drives, screw connections and compression adapters must be ordered separately.	6	20 - 200	15LF	1 **4600** 50	1	
			160 - 800	15SF	1 **4600** 76	1	
			240 - 1200	15HF	1 **4600** 56	1	
			240 - 1200	20SF	1 **4600** 77	1	
			400-2000	20HF	1 **4600** 57	1	
	**HerzCON is a simple and reliable direct connection for fan coils with 80 mm pipe centre spacing.** • Models with 80 mm pipe centre spacing • Enables processes such as regulation, flushing and isolation • Including bypass for flushing according to BSRIABG29/2011 • All components of dezincification-resistant brass • Suitable for heating and cooling systems • HERZ 4006 SMART PICV • Multifunctional HERZ ball valve • HERZ strainer with HERZ drain valve 2512 • Including black insulation box max. operating temperature 130 °C, min. operating temperature -20 °C, max. operating pressure 25 bar. DN 15LF, DN 15SF, DN 15HF, DN 20SF, DN 20HF model with 3 test points. Drives, screw connections and compression adapters must be ordered separately.	6	20 - 200	15LF	1 **4800** 50	1	
			160 - 800	15SF	1 **4800** 76	1	
			240 - 1200	15HF	1 **4800** 56	1	
			240 - 1200	20SF	1 **4800** 77	1	
			400-2000	20HF	1 **4800** 57	1	
	**HerzCON is a simple and reliable direct connection for fan coils and AHU.** • Models with 90 mm pipe centre spacing at DN 25 • Enables processes such as regulation, flushing and isolation • Including bypass for flushing according to BSRIABG29/2011 • All components of dezincification-resistant brass • Suitable for heating and cooling systems • HERZ 4406 PICV • Multifunctional HERZ ball valve • HERZ strainer with HERZ drain valve 2512 max. operating temperature 130 °C, min. operating temperature -20 °C, max. operating pressure 25 bar. DN 25 model with 3 test points. Drives, screw connections and compression adapters must be ordered separately.	6	660 - 3300	25	1 **4600** 78	1	

HerzCON - direct connection for fan coils

Model		max Δp, bar	l/h	DN	Order number	Sale Unit	€
	**HerzCON is a simple and reliable direct connection for fan coils and AHU.** • Models with 110 mm pipe centre spacing • Enables processes such as regulation, flushing and isolation • Including bypass for flushing according to BSRIABG29/2011 • All components of dezincification-resistant brass • Suitable for heating and cooling systems • HERZ 4406 PICV • Multifunctional HERZ ball valve • HERZ strainer with HERZ drain valve 2512 max. operating temperature 130 °C, min. operating temperature -20 °C, max. operating pressure 25 bar. DN 32 model with 3 test points. Drives, screw connections and compression adapters must be ordered separately.	**6**	**1200 - 6000**	**32**	1 **4600** 79	**1**	

HerzCON - Insulation box with a 65 mm pipe centre

Model		DN	Order number	Sale Unit	€
	**Insulation box** For HerzCON made from EPP with a 65 mm pipe centre, water vapour impermeable, black, with integrated geometric seal.	**15LF** **15MF** **15SF** **15HF** **20SF** **20HF**	1 **4700** 96	**1**	
	**Insulation box with higher fire resistance** For HerzCON made from special EPP with a 65 mm pipe centre, water vapour impermeable, grey, with integrated geometric seal.	**15LF** **15MF** **15SF** **15HF** **20SF** **20HF**	1 **4700** 91	**1**	

Zone valve

Model		kvs	DN	Order number	Sale Unit	€
	**HERZ zone valve** Regulation via HERZ actuating drives and HERZ thermostatic heads. Straight model, radiator connection with conical sealing. Universal model with special socket for threaded pipe and compression adapter connection. Upper thermostatic insert replaceable using HERZ Changefix. Threaded connection M 28 x 1.5.	**2.0**	**20**	1 **7723** 82	**20**	

Mixing valve for raising return flow temperatures

 **7766**	**TEPLOMIX, 3-way thermostatic control valve, flat-sealing** The Teplomix 3-way valve is a mixing valve with a constantly regulating thermostatic insert, factory pre-set, for raising return flow temperatures in boiler systems, and requires no auxiliary power. With 3/8 plug for system draining / de-sludging. Max. operating temperature range to 110 °C Models .. - 03 and 04 have fixed bypass, temp. approx. 61 °C.	**11**	**25**	1 **7766** 03	**1**	
		14	**32**	1 **7766** 04	**1**	
 **7766 RD**	**TEPLOMIX back-sealing, 3-way thermostatic control valve, flat-sealing** As described above, however with closing function on the bypass, temp. approx. 55–63 °C. (Leak rate max. 10%).	**11**	**25**	1 **7766** 13	**10**	
		14	**32**	1 **7766** 14	**10**	

Two-way regulating ball valve

Product Group **6**

Model		kvs	PN	DN	Order number	Sale Unit	€
	**Two-way ball valve with female thread and handle** Socket x socket. Body of forged brass, with equal percentage characteristic graph, spindle sealing with double O-ring, female thread according to ISO 7-1. For precise regulation, no leakage losses, regulating ball valve for continuous control of cold water, warm water in closed circuits. Rotary drive 1 **7712** 33/35 must be ordered separately. Min. operating temperature: -10 °C (water +0.5 °C), max. operating temperature: 110 °C (no steam).	**5**	**40**	**15**	1 **2117** 01	**1**	
		8	**40**	**20**	1 **2117** 02	**1**	
		12.5	**40**	**25**	1 **2117** 03	**1**	
		20	**25**	**32**	1 **2117** 04	**1**	
		32	**25**	**40**	1 **2117** 05	**1**	
		50	**25**	**50**	1 **2117** 06	**1**	

Two-way regulating ball valve without operating element

	**Two-way ball valve with female thread, without handle** Socket x socket. Body of forged brass, with equal percentage characteristic graph, spindle sealing with double O-ring, female thread according to ISO 7-1. For precise regulation, no leakage losses, regulating ball valve for continuous control of cold water, warm water in closed circuits. Rotary drive 1 **7712** 33/35 must be ordered separately. Min. operating temperature: -10 °C (water +0.5 °C), max. operating temperature: 110 °C (no steam).	**5**	**40**	**15**	1 **2117** 11	**1**	
		8	**40**	**20**	1 **2117** 12	**1**	
		12.5	**40**	**25**	1 **2117** 13	**1**	
		20	**25**	**32**	1 **2117** 14	**1**	
		32	**25**	**40**	1 **2117** 15	**1**	
		50	**25**	**50**	1 **2117** 16	**1**	

Two-way regulating ball valve handle

	**Manual drive** for HERZ regulating valves without operating element **2117**, that are not equipped with a valve drive.	**15–50**	1 **2100** 90	**1**	

Three-way mixing valve with handle

Model		kvs	DN	Order number	Sale Unit	€
	Three-way mixer, female thread, body and cone of brass, EPDM seal, medium temperature -10 °C to 120 °C, PN 10. Actuator of choice 1 **7712** 25/27 to be ordered separately.	**4**	**15**	1 **2137** 01	**1**	
		6.3	**20**	1 **2137** 02	**1**	
		10	**25**	1 **2137** 03	**1**	
		16	**32**	1 **2137** 04	**1**	
		25	**40**	1 **2137** 05	**1**	
		40	**50**	1 **2137** 06	**1**	

Four-way mixing valve

	Four-way mixing valve, female thread, body and cone of brass, EPDM seals, medium temperature -10 °C to 120 °C. PN 10. Actuator of choice 1 **7712** 25/27 to be ordered separately.	**4**	**15**	1 **2138** 01	**1**	
		6.3	**20**	1 **2138** 02	**1**	
		10	**25**	1 **2138** 03	**1**	
		16	**32**	1 **2138** 04	**1**	

5

Zone valve 3-way diverting valve

Model		Dim.	kvs	DN	Order number	Sale Unit	€
	**3-way diverting valve with compression ends for copper pipes** zone management element in heating and cooling systems. Body of forged brass, ball of forged brass, chrome plated, ball seals PTFE, gaskets EPDM. Max. operating temperature: 110 °C, PN 10. Actuator of choice 1 **7711** 60/61/62/63 to be ordered separately.	**22**	**5.8**	**20**	1 **2412** 02	**1**	
		28	**8.1**	**25**	1 **2412** 03	**1**	
		35	**10.4**	**32**	1 **2412** 04	**1**	
	as above, with male thread connection, flat sealing Screw connections must be ordered separately. Actuator of choice 1 **7711** 60/61/62/63 to be ordered separately.	**3/4**	**5.8**	**20**	1 **2412** 12	**1**	
		1	**8.1**	**25**	1 **2412** 13	**1**	
		1 1/4	**10.4**	**32**	1 **2412** 14	**1**	
	**Screw connection for 3-way diverting valve 1 2412 1X**	**G 3/4" - R 1/2"**			1 **6221** 31	**1**	
		G 1" - R 3/4"			1 **6221** 32	**1**	
		G 1 1/4" - R 1/2"			1 **6221** 33	**1**	

Set

Model			Actuator	DN	Order number	Sale Unit	€
	**3-way diverting valve** incl. compression ends	1 **2412** 02 with actuator	1 **7711** 60 **230 V / AC, 2-point**	**20**	1 **2412** 22	**1**	
		1 **2412** 03 with actuator		**25**	1 **2412** 23	**1**	
		1 **2412** 04 with actuator		**32**	1 **2412** 24	**1**	
		1 **2412** 02 with actuator	1 **7711** 61 **230 V / AC, 2-point, with auxiliary switch**	**20**	1 **2412** 32	**1**	
		1 **2412** 03 with actuator		**25**	1 **2412** 33	**1**	
		1 **2412** 04 with actuator		**32**	1 **2412** 34	**1**	
		1 **2412** 02 with actuator	1 **7711** 62 **24 V AC / DC, 2-point**	**20**	1 **2412** 42	**1**	
		1 **2412** 03 with actuator		**25**	1 **2412** 43	**1**	
		1 **2412** 04 with actuator		**32**	1 **2412** 44	**1**	
		1 **2412** 02 with actuator	1 **7711** 63 **24 V AC / DC, 2-point, with auxiliary switch**	**20**	1 **2412** 52	**1**	
		1 **2412** 03 with actuator		**25**	1 **2412** 53	**1**	
		1 **2412** 04 with actuator		**32**	1 **2412** 54	**1**	

Set

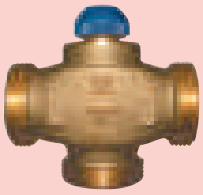
Model			Actuator	DN	Order number	Sale Unit	€
	**3-way diverting valve with external threads, flat sealing** Screw connections must be ordered separately.	1 **2412** 12 with actuator	1 **7711** 60 **230 V / AC, 2-point**	**20**	1 **2412** 62	**1**	
		1 **2412** 13 with actuator		**25**	1 **2412** 63	**1**	
		1 **2412** 14 with actuator		**32**	1 **2412** 64	**1**	
		1 **2412** 12 with actuator	1 **7711** 61 **230 V / AC, 2-point, with auxiliary switch**	**20**	1 **2412** 72	**1**	
		1 **2412** 13 with actuator		**25**	1 **2412** 73	**1**	
		1 **2412** 14 with actuator		**32**	1 **2412** 74	**1**	
		1 **2412** 12 with actuator	1 **7711** 62 **24 V AC / DC, 2-point**	**20**	1 **2412** 82	**1**	
		1 **2412** 13 with actuator		**25**	1 **2412** 83	**1**	
		1 **2412** 14 with actuator		**32**	1 **2412** 84	**1**	
		1 **2412** 12 with actuator	1 **7711** 63 **24 V AC / DC, 2-point, with auxiliary switch**	**20**	1 **2412** 92	**1**	
		1 **2412** 13 with actuator		**25**	1 **2412** 93	**1**	
		1 **2412** 14 with actuator		**32**	1 **2412** 94	**1**	

3-port mixing and diverting valves

Product Group 1

Model		kvs	DN	Order number	Sale Unit	€
	**3-port mixing and diverting valve** for continuous control of cold and warm water. Usable with valve drive 1 **7712** as actuator with adjustable characteristic graph. Body of cast brass with three male threads, flat-sealing, screw connections and actuator 1 **7712** 11/50/51 must be ordered separately.	**4**	**15**	1 **4037** 15	**1**	
		6.3	**20**	1 **4037** 20	**1**	
		10	**25**	1 **4037** 25	**1**	
		16	**32**	1 **4037** 32	**1**	
		25	**40**	1 **4037** 40	**1**	
		40	**50**	1 **4037** 50	**1**	

CALIS-TS-RD three-port valve for thermostatic operation, distribution 100 %

 **7761 RD**	**CALIS-TS-RD three-port valve, distribution 100 %** flat-sealing, pipe connections must be ordered separately.	**3.0**	**15**	1 **7761** 38	**1**	
		3.0	**20**	1 **7761** 39	**1**	
		6.27	**25**	1 **7761** 40	**1**	
		6.44	**32**	1 **7761** 41	**1**	

Control valves, straight model

Model		kvs	Dim.	Order number	Sale Unit	€
 **7760**	**HERZ straight model thermostatic valve,** control valve with reduced kvs value for room climate control systems. Flat-sealing, 2 x male thread. Threaded connection for drive M 30 x 1.5.	**0.16**	**10**	1 **7760** 21	**10**	
		0.4	**10**	1 **7760** 01	**10**	
		0.63	**10**	1 **7760** 02	**10**	
		1.0	**10**	1 **7760** 03	**10**	
		1.6	**10**	1 **7760** 04	**10**	
		2.5	**15**	1 **7760** 05	**10**	
		3.5	**15**	1 **7760** 07	**10**	
		4.5	**20**	1 **7760** 08	**10**	

Control valve, normally closed

 7760 RD	**Thermostatic valve with reverse acting principle (normally closed), straight model,** models with male thread connection and inner cone for compression adapter connection. Threaded connection for drive M 28 x 1.5, conical sealing, 2 x male thread.	**2.81**	**15**	1 **7760** 51	**10**	
		3.21	**20**	1 **7760** 52	**10**	

Three-port control valves

 7762	**Thermostatic three-port control valve for mixing and distribution, three connections** For use as mixing or diverting valve for regulation of heating zones, air terminal units, fan coils and dual-line systems with heat exchanger. Threaded connection for drive M 30 x 1.5, flat-sealing, 3 x male thread.	**0.4**	**10**	1 **7762** 50	**10**	
		0.63	**10**	1 **7762** 60	**10**	
		1.0	**10**	1 **7762** 70	**10**	
		1.6	**10**	1 **7762** 80	**10**	
		2.5	**15**	1 **7762** 51	**10**	
		4.0	**15**	1 **7762** 61	**10**	
		5.0	**20**	1 **7762** 62	**10**	

Four-port control valves with bypass

 7763	**Thermostatic four-port valve for mixing and diverting, four connections** For use as mixing or diverting valve for regulation of heating zones, air terminal units, fan coils and dual-line systems with heat exchanger. Threaded connection for drive M 30 x 1.5, flat-sealing, 4 x male thread.	**0.4**	**10**	1 **7763** 50	**10**	
		0.63	**10**	1 **7763** 60	**10**	
		1.0	**10**	1 **7763** 70	**10**	
		1.6	**10**	1 **7763** 80	**10**	
		2.5	**15**	1 **7763** 51	**10**	
		4.0	**15**	1 **7763** 61	**10**	
		5.0	**20**	1 **7763** 62	**10**	

Manual drive for three-port mixing and diverting valve

Model		DN	Setting range	Order number	Sale Unit	€
	**HERZ manual drive** for HERZ three-port mixing and diverting valves **4037**, not equipped with a valve drive.			1 **9102** 40	**20**	
	Replacement spring for HERZ differential pressure controller 4002 / 4202	**15–50**	**5–30 kPa**	1 **4002** 97	**1**	
		15–50	**25–60 kPa**	1 **4002** 98	**1**	
		15–50	**45–80 kPa**	1 **4002** 99	**1**	
	Indicator sleeve for HERZ differential pressure controller 4002 / 4202	**15–50**	–	1 **4002** 10	**1**	

Accessories

Model		Dim.	Order number	Sale Unit	€
	**Insulation shells** EPP (expanded polypropylene), colour anthracite/black or silver grey, B2 according to DIN 4102 and E according to DIN EN 13501-1, volume weight approx. 45 kg/m^3, integrated geometric closure. For the commissioning valve **4017 M**, **4017 R**.	**15**	1 **4095** 11	**1**	
		20	1 **4095** 12	**1**	
		25	1 **4095** 13	**1**	
		32	1 **4095** 14	**1**	
		40	1 **4095** 15	**1**	
		50	1 **4095** 16	**1**	
	**Insulation shells** EPP (expanded polypropylene), colour anthracite/black or silver grey, B2 according to DIN 4102 and E according to DIN EN 13501-1, volume weight approx. 45 kg/m^3, integrated geometric closure. For the differential pressure controller **4002.**	**15**	1 **4096** 11	**1**	
		20	1 **4096** 12	**1**	
		25	1 **4096** 13	**1**	
		32	1 **4096** 14	**1**	
		40	1 **4096** 15	**1**	
		50	1 **4096** 16	**1**	
	**Insulation shells** EPP (expanded polypropylene), colour anthracite/black, B2 according to DIN 4102 and E according to DIN EN 13501-1, volume weight approx. 45 kg/m^3, integrated geometric closure. Suitable for ball valve **2201** and **2206**.	**15**	1 **4096** 21	**1**	
		20	1 **4096** 22	**1**	
		25	1 **4096** 23	**1**	
		32	1 **4096** 24	**1**	
		40	1 **4096** 25	**1**	
		50	1 **4096** 26	**1**	

Capillaries for differential pressure controllers 4007, 4002 and 4202

Model		Dim.	Length	Order number	Sale Unit	€
	**Ball valve for capillary** Threaded connection AG x IG 1/8".	**1/8"**		1 **4007** 78	**1**	
	**Ball valve with capillary for differential pressure controller** Threaded connection AG x IG 1/8". Capillary ø 3 x 0.5 mm.	**1/8"**	**1.0 m**	1 **4002** 78	**1**	
	**Capillary for differential pressure controller** with connection nipple 1/8" x 1/4". Capillary ø 3 x 0.5 mm.	**1.0 m**		1 **4002** 79	**1**	
	**Capillary for differential pressure controller** with connection nipple 1/8" x 1/4". Capillary ø 5 x 1 mm.	**1.0 m**		1 **4007** 79	**1**	
		1.5 m		1 **4007** 80	**1**	
		2.0 m		1 **4002** 80	**1**	
	**HERZ indicator cover** for HERZ differential pressure controller 4002, 4202. Plastic, black, with openings for attachment of a tampering seal, tampering seal wire included.			1 **6502** 10	**20**	
	Connection nipple for capillary 1/8" x 1/4".	**1/8" x 1/4"**		1 **0269** 19	**1**	
	Connection nipple for capillary 1/8" x 1/8".	**1/8" x 1/8"**		1 **0269** 09	**1**	

Metering station

Model		DN	kvs	Order number	Sale Unit	€
	**HERZ metering station LF** with reduced kv, for differential pressure measurement at low flow rates, other design features as listed below.	**15 LF**	**0.55**	1 **4000** 11	**10**	
	HERZ metering station MF with kvs value = 1.1 for differential pressure measurement at moderate flow rates, other design features as listed below.	**15 MF**	**1.1**	1 **4000** 21	**10**	
	HERZ metering station with two test points, inlet with female thread, outlet with male thread, PN 20 from -20°C to 130°C (to DN32), 110°C (from DN40) Body of dezincification-resistant brass, for flow measurement. Two test points (**0284**).	**15**	**2.2**	1 **4000** 01	**10**	
		20	**4.25**	1 **4000** 02	**10**	
		25	**8.6**	1 **4000** 03	**10**	
		32	**15.9**	1 **4000** 04	**5**	
		40	**23.7**	1 **4000** 05	**5**	
		50	**48.0**	1 **4000** 06	**5**	

Test points

	**Test point for HERZ-STRÖMAX commissioning valves** (as of year of manufacture 2004), brass version, blue cap (return) or red cap (supply) for pressure transducer.	**Blue 1/4"**		1 **0284** 01	**1**	
		Red 1/4"		1 **0284** 02	**1**	
	**Test point for HERZ-STRÖMAX TW commissioning valves,** brass version, blue cap (return) or red cap (supply) for pressure transducer, valves have two indentations (for drinking water).	**Blue 1/4"**		2 **0284** 01	**1**	
		Red 1/4"		2 **0284** 02	**1**	
	**Test point for HERZ combi valve SMART and HERZ-STRÖMAX GN commissioning valves,** brass version, blue cap (return) or red cap (supply) for pressure transducer.	**Blue 1/8"**		1 **0284** 05	**20**	
		Red 1/8"		1 **0284** 06	**20**	
	**Test point for HERZ-STRÖMAX GNW commissioning valves,** brass version, blue cap (return) or red cap (supply) for pressure transducer, valves have two indentations (for drinking water)	**Blue 1/8"**		2 **0284** 05	**20**	
		Red 1/8"		2 **0284** 06	**20**	
	**Test point s for HERZ-STRÖMAX commissioning valves,** brass version, blue cap (return) for pressure transducer, extended design for valves with an insulation thickness up to 40 mm.	**1/4"**		1 **0284** 11	**1**	
	**Test points for HERZ-STRÖMAX commissioning valves,** brass version, red cap (supply) for pressure transducer, extended design for valves with an insulation thickness up to 40 mm.	**1/4"**		1 **0284** 12	**1**	
	**HERZ test point with drain valve** Brass version, red cap (supply) or blue cap (return).	**1/4"** **Red**		1 **0284** 22	**1**	
		1/4" **Blue**		1 **0284** 21	**1**	
	**Long quick test point with drain valve, straight, blue.**	**1/4"**		1 **0284** 23	**20**	
	**Long quick test point with drain valve, straight, red.**	**1/4"**		1 **0284** 24	**20**	

Measuring computer

Model		Order number	Sale Unit	€
	**HerzCOMP 650 measuring computer** Digital manometer with integrated pressure transducer for the balancing of cooling, heating and drinking water circuits with direct display of volume flow and differential pressure. Measuring range 0–10 bar, max. pressure 12 bar, connection for smartphone via bluetooth Low Energy 5.0, protection class IP65. Measurements can be recorded on the device as well as on the smartphone app. Included accessories: two measuring tubes with quick-release connectors, operating manual for IOS and Android, pressure transducer set and quick test point, operation with 2 x AAA alkaline as well as rechargeable NiMH batteries. Operating time approx. 45 hours. 24-month term of maintainance and calibration recommended!	1 **8900** 05	**1**	
	Set of two replacement filters and two seals for measuring tubes for measurement device 1 **8900** 04.	1 **8900** 10	**1**	

Test points

	**HERZ Test points with capillary connection** Brass version, red cap (supply) or blue cap (return) for pressure transducer.	**Blue 1/4"**	1 **0284** 03	**20**	
		Red 1/4"	1 **0284** 04	**20**	
	**HERZ Test points with capillary connection** Brass version, red cap (supply) or blue cap (return) for pressure transducer.	**Blue 1/8"**	1 **0284** 27	**20**	
		Red 1/8"	1 **0284** 28	**20**	

Accessories for measuring computer

	**Pressure transducer set for quick test points**	1 **0284** 00	**1**	
	**HERZ test point adapter set for HERZ-STRÖMAX valves with test points 0280, 0282 and 0283,** for differential pressure measurement with HERZ measuring computers “up to year of manufacture 2004”.	1 **8903** 11	**1**	
	**Quick test point** 1 set = 2 units	1 **0284** 10	**Set**	
	**Pre-setting tampering seal for STRÖMAX-GM/GR** for covering the hand wheel fastening screw, destroyed upon removal.	1 **6517** 04	**20**	
	**Pre-setting marker** Plastic hanger for labelling the pre-setting level. For installation on valve or pipeline.	1 **6517** 05	**20**	

Accessories

Model		Dim.	Order number	Sale Unit	€
	**Sealing screw** Brass version, dezincification-resistant brass with O-ring seal and external hex.	**1/4"**	2 **0273** 09	**10**	
		3/8"	2 **0273** 00	**10**	
	**Drain valve with handle and swivelling hose connection** brass version, hose connection 1 **6206** 01 must be ordered separately.	**1/4"**	1 **0276** 09	**1**	
		3/8"	1 **0276** 00	**1**	
	**Hose connection** Nut and spigot.	**3/8"**	1 **6206** 00	**1**	
		1/2"	1 **6206** 01	**1**	
		3/4"	1 **6206** 02	**1**	

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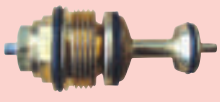
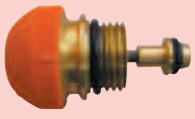
Keys and tools

Model		Dim.	Order number	Sale Unit	€
	**Universal key** for opening theft protection clips 9552 4 square key SW 5 for STRÖMAX-M.		1 **6640** 00	**1**	

Keys and tools

	**Pre-setting key** for 7217 V.	**M 28 x 1.5**	1 **6819** 72	**1**	
	**Pre-setting key** for HERZ pressure-independent control valve 4001, from year of manufacture 2009 HERZ differential pressure controller 4002, from year of manufacture 2009 HERZ Combi valve pressure-independent control valve 4006-HERZ control and regulating valve 7217 GV.		1 **4006** 02	**1**	

Upper parts

Model		Dim.	Order number	Sale Unit	€
	**Upper thermostatic insert** for HERZ zone valve 1 **7723** 82 Replacement under pressure with HERZ Changefix.	**3/4"**	1 **6391** 92	**1**	
	**Upper thermostatic insert** For HERZ control valve straight model **7760** Replacement with HERZ Changefix not possible.	**kvs 0.16**	1 **6305** 00	**1**	
		kvs 0.40	1 **6305** 01	**1**	
		kvs 0.63	1 **6305** 02	**1**	
		kvs 1.00	1 **6305** 03	**1**	
		kvs 1.6	1 **6305** 04	**1**	
		kvs 2.5	1 **6305** 05	**1**	
		kvs 3.5	1 **6305** 06	**1**	
		kvs 4.5	1 **6305** 07	**1**	
	**Upper thermostatic insert** For HERZ three-way control valves **7762/7763** Replacement with HERZ Changefix not possible.	**kvs 0.40**	1 **6305** 11	**1**	
		kvs 0.63	1 **6305** 12	**1**	
		kvs 1.00	1 **6305** 13	**1**	
		kvs 1.6	1 **6305** 14	**1**	
		kvs 2.5	1 **6305** 15	**1**	
		kvs 4.0	1 **6305** 16	**1**	
		kvs 5.0	1 **6305** 17	**1**	
	**Replacement upper part** For HERZ control and regulating valve **7217-V** Replacement with HERZ Changefix not possible.	**15 LF**	1 **6305** 50	**1**	
		15	1 **6305** 51	**1**	
		20	1 **6305** 52	**1**	
		15 MF	1 **6305** 59	**1**	

O-ring set for GP-T and STRÖMAX-M, R

	**O-ring set, yellow** 20 O-ring chambers, for STRÖMAX-M and STRÖMAX-R.		1 **6705** 00	**1**	

Upper parts for inclined body valves in current design as of year of manufacture 2004

Model		DN	Dim.	Order number	Sale Unit	€
	**Upper part** for STRÖMAX-M and STRÖMAX-R commissioning valves in new design, with O-ring seal between upper part and body. **4117 M, 4117 R**	**15**	**1/2"**	1 **6388** 50	**1**	
		20	**3/4"**	1 **6388** 52	**1**	
		25	**1"**	1 **6388** 53	**1**	
		32	**1¼"**	1 **6388** 54	**1**	
		40	**1½"**	1 **6388** 55	**1**	
		50	**2"**	1 **6388** 56	**1**	
		65	**2½"**	1 **6388** 57	**1**	
		80	**3"**	1 **6388** 58	**1**	
	**Upper part** for STRÖMAX-M and STRÖMAX-R commissioning valves in new design, with O-ring seal between upper part and body. **4017 M, 4017 R**	**15**	**1/2"**	1 **6384** 01	**1**	
		15 LF	**1/2"**	1 **6384** 11	**1**	
		15 MF	**1/2"**	1 **6384** 21	**1**	
		20	**3/4"**	1 **6384** 02	**1**	
		25	**1"**	1 **6384** 03	**1**	
		32	**1¼"**	1 **6384** 04	**1**	
		40	**1½"**	1 **6384** 05	**1**	
		50	**2"**	1 **6384** 06	**1**	

Hand wheels

	**Hand wheel** with fastening screw for STRÖMAX-M and STRÖMAX-R.	**1/2"–3"**		1 **6518** 00	**1**	
	**Replacement hand wheel, red, for 4017.**	**DN 15–32**		1 **6522** 01	**1**	
		DN 40–50		1 **6522** 02	**1**	

Upper parts for inclined body valves, year of manufacture 1982-2004

Model		DN	Dim.	Order number	Sale Unit	€
	**Upper part** for STRÖMAX-M and STRÖMAX-R commissioning valves with Klingerit seal between upper part and body. **4117 M, 4117 R**	**15**	**1/2"**	1 **6388** 00	**1**	
		20	**3/4"**	1 **6388** 02	**1**	
		25	**1"**	1 **6388** 03	**1**	
		32	**1¼"**	1 **6388** 04	**1**	
		40	**1½"**	1 **6388** 05	**1**	
		50	**2"**	1 **6388** 06	**1**	
		65	**2½"**	1 **6388** 07	**1**	
		80	**3"**	1 **6388** 08	**1**	

Test points up to year of manufacture 2004

	**Test point for STRÖMAX-M** Angled model, brass version.	**1/4"**		1 **0282** 09	**1**	

Drain valves up to year of manufacture 2004

for pipe fittings and old designs of inclined body valves.

	**Drain valve with handle** Brass version, with Klingerit seal.	**1/4"**		1 **0270** 09	**1**	
		3/8"		1 **0270** 00	**1**	
	**Sealing screw** Brass version, with Klingerit seal.	**1/4"**		1 **0272** 09	**1**	
		3/8"		1 **0272** 00	**1**	

Spare Parts

Upper parts for differential pressure controller 4007

Model		DN	Dim.	Order number	Sale Unit	€
	**Upper part** for differential pressure controller. **4007**	**15**	**1/2"**	1 **6386** 02	**1**	
		20	**3/4"**			
		25	**1"**	1 **6386** 03	**1**	
		32	**1¼"**	1 **6386** 04	**1**	
		40	**1½"**	1 **6386** 05	**1**	
		50	**2"**	1 **6386** 06	**1**	

Upper parts for straight body valves

	**Upper part for 4217** for 4217 STRÖMAX-GM and STRÖMAX-GR commissioning valves. **4217 GM, 4217 GR, 4218 GMF**	**15LF**	**1/2"**	1 **6387** 28	**1**	
		15MF	**1/2"**	1 **6387** 29	**1**	
		15	**1/2"**	1 **6387** 30	**1**	
		20	**3/4"**			
		25	**1"**	1 **6387** 31	**1**	
		32	**1¼"**	1 **6387** 22	**1**	
		40	**1½"**	1 **6387** 23	**1**	
		50	**2"**	1 **6387** 24	**1**	
		65	**2½"**	1 **6387** 25	**1**	
		80	**3"**	1 **6387** 26	**1**	

Hand wheel

	**Hand wheel** with fastening screw for STRÖMAX-GM, STRÖMAX-GR and STRÖMAX-GMF.	**1/2–1½**	1 **6517** 06	**1**	
		2–3	1 **6517** 08	**1**	
		4–6	1 **6517** 10	**1**	

	**Differential pressure controller upper part** Replacement for 1 **4002** 41 and 1 **4202** 41, 5–30 kPa.	1 **6386** 91		
	Differential pressure controller upper part Replacement for 1 **4002** 42 and 1 **4202** 42, 5–30 kPa.	1 **6386** 92		
	Differential pressure controller upper part Replacement for 1 **4002** 43 and 1 **4202** 43, 5–30 kPa.	1 **6386** 93		
	Differential pressure controller upper part Replacement for 1 **4002** 44 and 1 **4202** 44, 5–30 kPa.	1 **6386** 94		
	Differential pressure controller upper part Replacement for 1 **4002** 45–46 and 1 **4202** 45–46, 5–30 kPa.	1 **6386** 95		
	Differential pressure controller upper part Replacement for 1 **4002** 61 and 1 **4202** 61, 25–60 kPa.	1 **6386** 96		
	Differential pressure controller upper part Replacement for 1 **4002** 62 and 1 **4202** 62, 25–60 kPa.	1 **6386** 97		
	Differential pressure controller upper part Replacement for 1 **4002** 63 and 1 **4202** 63, 25–60 kPa.	1 **6386** 98		
	Differential pressure controller upper part Replacement for 1 **4002** 64 and 1 **4202** 64, 25–60 kPa.	1 **6386** 99		
	Differential pressure controller upper part Replacement for 1 **4002** 65–66 and 1 **4202** 65–66, 25–60 kPa.	1 **6387** 00		



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Flanged Valves

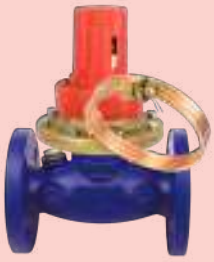
Commissioning valve for differential pressure measurement in flanged design, straight body

Model		kvs	DN	Order number	Sale Unit	€
 4218 GMF	**STRÖMAX-GMF, commissioning valve for differential pressure measurement in flanged design straight body with test points.** Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN-558-1, basic series 1; painted blue. Thermostatic upper part of brass to DN 100; from DN 125 thermostatic upper part of grey cast iron. Digital display of the pre-setting levels. Non-rising spindle with double O-ring seal. Max. operation temperature DN 32: 130 °C; from DN 40: 110 °C	**11.53**	**25**	1 **4218** 43	**1**	
		16.6	**32**	1 **4218** 44	**1**	
		28.6	**40**	1 **4218** 45	**1**	
		37.84	**50**	1 **4218** 46	**1**	
		60.3	**65**	1 **4218** 47	**1**	
		67.8	**80**	1 **4218** 48	**1**	
		99.55	**100**	1 **4218** 49	**1**	
		186.58	**125**	1 **4218** 50	**1**	
		279.05	**150**	1 **4218** 51	**1**	
 4218 GF	**STRÖMAX-GF with linear characteristic graph. STRÖMAX-GF, commissioning valve for differential pressure measurement in flanged design, staight body with test points.** Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN-558-1, basic series 1; painted blue. Thermostatic upper part of grey cast iron GJL 250. Digital display of the pre-setting levels. Non-rising spindle with triple O-ring seal. Max. operation temperature: 110 °C	**34.96**	**50**	1 **4218** 80	**1**	
		66.94	**65**	1 **4218** 81	**1**	
		106.78	**80**	1 **4218** 82	**1**	
		169.45	**100**	1 **4218** 83	**1**	
		255.79	**125**	1 **4218** 84	**1**	
		389.54	**150**	1 **4218** 85	**1**	
		662.41	**200**	1 **4218** 86	**1**	
		1082.72	**250**	1 **4218** 87	**1**	
		1784.91	**300**	1 **4218** 88	**1**	
	As above, but PN 25	**1082.72**	**250**	1 **4220**87	**1**	
		1784.91	**300**	1 **4220** 88	**1**	

Commissioning valve for differential pressure measurement in flanged design, inclined body

Model		kvs	DN	Order number	Sale Unit	€
	**STRÖMAX-GF with linear characteristic graph. PN16 STRÖMAX-GF, commissioning valve for differential pressure measurement in flanged design, inclined body with extended test points.** Body of spheroidal graphite iron EN-GJS-400-15, flange according to EN 1092-2, PN 16; length according to EN-558-1, painted blue. Thermostatic upper part of spheroidal graphite iron EN-GJS-400-15. Digital display of the pre-setting levels. Non-rising spindle with triple O-ring seal. Max. operation temperature: 110 °C	**2917.6**	**350**	1 **4218** 89	**1**	
		3854.8	**400**	1 **4218** 90	**1**	
		5250.6	**500**	1 **4218** 92	**1**	
	STRÖMAX-GF with linear characteristic graph. PN25 STRÖMAX-GF, commissioning valve for differential pressure measurement in flanged design, inclined body with extended test points. Body of spheroidal graphite iron EN-GJS-400-15, flange according to EN 1092-2, PN 25; length according to EN-558-1, painted blue. Thermostatic upper part of spheroidal graphite iron EN-GJS-400-15. Digital display of the pre-setting levels. Non-rising spindle with triple O-ring seal. Max. operation temperature: 110 °C	**2917.6**	**350**	1 **4220** 89	**1**	
		3854.8	**400**	1 **4220** 90	**1**	
		5250.6	**500**	1 **4220** 92	**1**	

Differential pressure controller in flanged design

Model		l/h	DN	Dim.	Order number	Sale Unit	€
 4007 F	**Differential pressure controller 4007 F in flanged design** Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 5–30 kPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1000 mm.	200-4000	25	1"	1 **4007** 13	1	
		250-4250	32	1¼"	1 **4007** 14	1	
		200-5750	40	1½"	1 **4007** 15	1	
		750-9000	50	2"	1 **4007** 16	1	
		750-10000	65	2½"	1 **4007** 17	1	
		750-12000	80	3"	1 **4007** 18	1	
 4007 F FIX	**Differential pressure controller 4007 F FIX in flanged design, permanently set** Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 23 kPa permanently set. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1000 mm.	200-1500	25	1"	1 **4007** 63	1	
		300-2500	32	1¼"	1 **4007** 64	1	
		400-4700	40	1½"	1 **4007** 65	1	
		600-6100	50	2"	1 **4007** 66	1	
		750-10000	65	2½"	1 **4007** 67	1	
		750-12000	80	3"	1 **4007** 68	1	

Differential pressure controller in flanged design

Model		kvs	DN	Order number	Sale Unit	€
 F 4007	**Differential pressure controller F 4007 in flanged design** Proportional regulator with straight body, without auxiliary power, for two-pipe systems. Differential pressure 10–40 kPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1500 mm.	50	65	F **4007** 07	1	
		84	80	F **4007** 08	1	
		96	100	F **4007** 09	1	
	Differential pressure controller F 4007 in flanged design Proportional regulator with straight body, without auxiliary power, for two-pipe systems. Differential pressure 20–80 kPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1500 mm.	50	65	F **4007** 17	1	
		84	80	F **4007** 18	1	
		84	80HF	F **4007** 38	1	
		96	100	F **4007** 19	1	
		190	125	F **4007** 20	1	
		270	150	F **4007** 21	1	
	Differential pressure controller F 4007 in flanged design Proportional regulator with straight body, without auxiliary power, for two-pipe systems. Differential pressure 50–150 kPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1500 mm.	39.18	50	F **4007** 26	1	
		50	65	F **4007** 27	1	
		84	80	F **4007** 28	1	
		96	100	F **4007** 29	1	
		190	125	F **4007** 30	1	
		270	150	F **4007** 31	1	
		654	200	F **4007** 32	1	

Accessories

Model		Length	Order number	Sale Unit	€
	**Capillary for differential pressure controller F 4007** with connection nipple 3/8" x 1/4".	1.5 m	F **6307** 01	1	

Differential pressure controller in flanged design, for district heating

Model		kvs	DN	Order number	Sale Unit	€
	**HERZ Differential pressure controller D H407, flanged** suitable for maintaining a constant differential pressure on the primary side of district heating systems and in HVAC systems. Proportional controller without auxiliary power for two-pipe systems. Differential pressure 50–150 kPa, infinitely adjustable. Body made of ductile cast iron GJS-400 according to EN 1563, flange according to EN 1092. incl. 2 capillary, length 1500 mm. Max. differential pressure: 16 bar, max. operating pressure: 25 bar, max. operating temperature: 150 °C.	**10**	**25**	D **H407** 13	**1**	
		20	**32**	D **H407** 14	**1**	
		25	**40**	D **H407** 15	**1**	
		40	**50**	D **H407** 16	**1**	

Two-way valve, pressure relieved, in flanged design, for district heating

Model		kvs	DN	Order number	Sale Unit	€
	**HERZ 2-way valve, pressure relieved, flanged** for continuous control of the flow rate on the primary side of district heating systems and HVAC systems. Body made of ductile cast iron GJS 400 according to EN 1563, flange according to EN 1092. Suitable for use with F **7712** actuators. Valve with an equal percentage characteristic. Max. differential pressure at the body: 5 bar (up to DN 50), 2 bar (DN 65), max. operating pressure: 25 bar, max. operating temperature: 150 °C.	**6,3**	**25LF**	D **H035** 23	**1**	
		10	**25**	D **H035** 13	**1**	
		16	**32**	D **H035** 14	**1**	
		25	**40**	D **H035** 15	**1**	
		40	**50**	D **H035** 16	**1**	
		63	**65**	D **H035** 17	**1**	

Pressure-independent control valve in flanged design, for district heating

Model		Max. m³/h	DN	Order number	Sale Unit	€
	**HERZ pressure-independent control valve, flanged** suitable for flow rate control on the primary side of district heating systems and HVAC systems. With an integrated differential pressure controller for pressure-independent flow control. The valve has an equal percentage flow characteristic. Body made of ductile cast iron GJS 400 according to EN 1563, flanged connections in accordance with EN 1092-2. Max. differential pressure at the body: 16 bar, max. operating pressure: 25 bar, max. operating temperature: 150 °C.	**3**	**25LF**	D **H406** 49	**1**	
		4	**25**	D **H406** 59	**1**	
		8	**32**	D **H406** 60	**1**	
		12	**40**	D **H406** 61	**1**	
		16	**50**	D **H406** 62	**1**	
		28	**65**	D **H406** 63	**1**	

Pressure-independent control valve in flanged design for district heating

Model		Min. m³/h	Max. m³/h	kvs	DN	Order number	Sale Unit	€
	**HERZ pressure-independent control valve** Body of grey cast iron GJL 250 according to EN 1561, PN 16 suitable for regulating the flow rate in district heating, heating and cold water systems, max. differential pressure 10 bar, max. differential pressure via restricter 0.2 bar. Temperature range 2 °C to 140 °C.	0,25	1,3	2,5	15	F **4006** 71	1	
		0,4	2	4,0	15	F **4006** 72	1	
		0,6	3	6,3	25	F **4006** 73	1	
		0,8	4	8,0	25	F **4006** 93	1	
		1,3	6,5	12,5	32	F **4006** 74	1	
		2,6	11	20,0	40	F **4006** 75	1	
		3,2	16	32,0	50	F **4006** 80	1	
		6	28	50,0	65	F **4006** 81	1	
		8	40	80,0	80	F **4006** 82	1	
		12,6	60	125,0	100	F **4006** 83	1	
		16	80	180	125	F **4006** 84	1	
	HERZ pressure-independent control valve Body of spheroidal graphite iron GJS 400-18-LT according to EN 1563, PN 25 suitable for regulating the flow rate in district heating, heating and cold water systems, max. differential pressure 15 bar, max. differential pressure via restricter 0.2 bar. Temperature range 2 °C to 140 °C.	0,25	1,3	2,5	15	F **4006** 90	1	
		0,4	2	4,0	15	F **4006** 91	1	
		0,6	3	6,3	25	F **4006** 92	1	
		0,8	4	8,0	25	F **4006** 53	1	
		1,3	6,5	12,5	32	F **4006** 94	1	
		2,6	11	20,0	40	F **4006** 95	1	
		3,2	16	32,0	50	F **4006** 96	1	
		6	28	50,0	65	F **4006** 97	1	
		8	40	80,0	80	F **4006** 98	1	
		12,6	60	125,0	100	F **4006** 99	1	
		16	80	180	125	F **4006** 10	1	

Pressure-independent control valve in flanged design

Model		max. Δp, bar	m³/h	DN	Order number	Sale Unit	€
 **F 4006**	**HERZ pressure-independent control valve** Body of grey cast iron GJL 250 according to EN 1561 Flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, suitable for regulation of the flow rate, in heating and cold water systems, with test points. Temperature range -20 °C to 110 °C.	8	4-15	50	F **4006** 62	1	
		8	5.80-23	65	F **4006** 63	1	
		8	9-36	80	F **4006** 64	1	
		8	10.8-43	100	F **4006** 65	1	
		6	25-100	125	F **4006** 66	1	
		6	37.50-150	125 HF	F **4006** 56	1	
		6	36.25-145	150	F **4006** 67	1	
		6	50-200	150 HF	F **4006** 57	1	
		6	52.50-210	200 SF	F **4006** 68	1	
		6	75-300	200 HF	F **4006** 58	1	
		6	87.5-350	200 UHF	F **4006** 48	1	
		6	87.5-350	250 SF	F **4006** 69	1	
		6	102.5-410	250 HF	F **4006** 59	1	

Electric drives, see section 8.
Selection matrix, see pages 267-268.

Control valves

Model		kvs	DN	Order number	Sale Unit	€
	**HERZ Straight control valve** Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, equal percentage characteristic graph. Max. operating temperature: 150°C.	**1**	**15**	F **4035** 01	**1**	
		1.6	**15**	F **4035** 11	**1**	
		2.5	**15**	F **4035** 21	**1**	
		4	**15**	F **4035** 31	**1**	
		6.3	**25**	F **4035** 03	**1**	
		10	**25**	F **4035** 13	**1**	
		16	**32**	F **4035** 04	**1**	
		25	**40**	F **4035** 05	**1**	
		40	**50**	F **4035** 16	**1**	
		63	**65**	F **4035** 07	**1**	
		100	**80**	F **4035** 08	**1**	
		160	**100**	F **4035** 09	**1**	
		250	**125**	F **4035** 10	**1**	
		330	**150**	F **4035** 41	**1**	
		630	**200**	F **4035** 42	**1**	
		710	**250**	F **4035** 54	**1**	
	**HERZ 2 port control valve** Body of spheroidal graphite iron GJS 400-18-LT according to EN 1563, flange according to EN 1092, PN 25. Length according to EN 558-1, basic series 1, equal percentage characteristic graph. Max. operating temperature: 150°C.	**1**	**15**	F **4035** 40	**1**	
		1.6	**15**	F **4035** 51	**1**	
		2.5	**15**	F **4035** 61	**1**	
		4	**15**	F **4035** 71	**1**	
		6.3	**25**	F **4035** 43	**1**	
		10	**25**	F **4035** 53	**1**	
		16	**32**	F **4035** 44	**1**	
		25	**40**	F **4035** 45	**1**	
		40	**50**	F **4035** 56	**1**	
		63	**65**	F **4035** 47	**1**	
		100	**80**	F **4035** 48	**1**	
		160	**100**	F **4035** 49	**1**	
		250	**125**	F **4035** 50	**1**	
		330	**150**	F **4035** 52	**1**	
 **F 4037**	**HERZ three-port control valve** Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, equal percentage characteristic graph. Max. operating temperature: 150 °C.	**1**	**15**	F **4037** 01	**1**	
		1.6	**15**	F **4037** 11	**1**	
		2.5	**15**	F **4037** 21	**1**	
		4	**15**	F **4037** 31	**1**	
		6.3	**25**	F **4037** 03	**1**	
		10	**25**	F **4037** 13	**1**	
		16	**32**	F **4037** 04	**1**	
		25	**40**	F **4037** 05	**1**	
		40	**50**	F **4037** 16	**1**	
		63	**65**	F **4037** 07	**1**	
		100	**80**	F **4037** 08	**1**	
		160	**100**	F **4037** 09	**1**	
		250	**125**	F **4037** 10	**1**	
		330	**150**	F **4037** 41	**1**	
		610	**200**	F **4037** 42	**1**	
		620	**250**	F **4037** 43	**1**	

Electric drives, see section 8.
Suitable actuators can be found in the selection table for drives at the end of the product range.
Note the max. medium temperatures for the actuators!

Shutoff valves with straight body, flanged design

Model		kvs	DN	Order number	Sale Unit	€
 4218 AGF STRÖMAX-AGF	**STRÖMAX-AGF shutoff valve with straight body, flanged design** Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN-558-1, basic series 1; painted blue. Upper part of brass. Non-rising spindle, spindle sealing with double O-ring.	**11.0**	**25**	1 **4218** 53	**1**	
		20.1	**32**	1 **4218** 54	**1**	
		30.4	**40**	1 **4218** 55	**1**	
		36.9	**50**	1 **4218** 56	**1**	
		62.5	**65**	1 **4218** 57	**1**	
		75.0	**80**	1 **4218** 58	**1**	

Butterfly valves

Wafer design semi-lugged ZF, for clamping

Model		kvs	DN	Order number	Sale Unit	€
 4219 ZF	**HERZ butterfly valve** Body of grey cast iron GJL 250 according to EN 1561, painted blue, actuation with hand lever. Max. operating pressure: PN 16 Max. operating temperature: 110°C	**91**	**50**	1 **4219** 01	**1**	
		206	**65**	1 **4219** 02	**1**	
		436	**80**	1 **4219** 03	**1**	
		660	**100**	1 **4219** 04	**1**	
		1300	**125**	1 **4219** 05	**1**	
		2100	**150**	1 **4219** 06	**1**	
		4100	**200**	1 **4219** 07	**1**	
		6090	**250**	1 **4219** 08	**1**	
		9570	**300**	1 **4219** 09	**1**	
	As above, but without actuation	**91**	**50**	1 **4219** 21	**1**	
		206	**65**	1 **4219** 22	**1**	
		436	**80**	1 **4219** 23	**1**	
		660	**100**	1 **4219** 24	**1**	
		1300	**125**	1 **4219** 25	**1**	
		2100	**150**	1 **4219** 26	**1**	
		4100	**200**	1 **4219** 27	**1**	
		6090	**250**	1 **4219** 28	**1**	
		9570	**300**	1 **4219** 29	**1**	
	As above, but with gearbox	**91**	**50**	1 **4219** 61	**1**	
		206	**65**	1 **4219** 62	**1**	
		436	**80**	1 **4219** 63	**1**	
		660	**100**	1 **4219** 64	**1**	
		1300	**125**	1 **4219** 65	**1**	
		2100	**150**	1 **4219** 66	**1**	
		4100	**200**	1 **4219** 67	**1**	
		6090	**250**	1 **4219** 68	**1**	
		9570	**300**	1 **4219** 69	**1**	

Butterfly valves

Flanged design AF fully lugged

Model		kvs	DN	Order number	Sale Unit	€
 4219 AF	**HERZ butterfly valve** Body of spheroidal graphite iron GJS400-15 according to EN 1563, painted blue, hand lever with spring-activated locking and integrated locking hole, valve plate of stainless steel 14408, EPDM lining and seal, fully lugged design with four to eight threaded lugs with metric thread. Max. operating pressure: 16 bar. Max. operating temperature: 110 °C.	**91**	**50**	1 **4219** 11	**1**	
		206	**65**	1 **4219** 12	**1**	
		436	**80**	1 **4219** 13	**1**	
		660	**100**	1 **4219** 14	**1**	
		1300	**125**	1 **4219** 15	**1**	
		2100	**150**	1 **4219** 16	**1**	
		4100	**200**	1 **4219** 17	**1**	
		6090	**250**	1 **4219** 88	**1**	
		9570	**300**	1 **4219** 89	**1**	
	As above, but without actuation and with maximum operating pressure PN 16 for DN 50 to DN 300.	**91**	**50**	1 **4219** 31	**1**	
		206	**65**	1 **4219** 32	**1**	
		436	**80**	1 **4219** 33	**1**	
		660	**100**	1 **4219** 34	**1**	
		1300	**125**	1 **4219** 35	**1**	
		2100	**150**	1 **4219** 36	**1**	
		4100	**200**	1 **4219** 37	**1**	
		6090	**250**	1 **4219** 38	**1**	
		9570	**300**	1 **4219** 39	**1**	
	As above, but with gearbox and with maximum operating pressure PN 16 for DN 50 to DN 300.	**91**	**50**	1 **4219** 71	**1**	
		206	**65**	1 **4219** 72	**1**	
		436	**80**	1 **4219** 73	**1**	
		660	**100**	1 **4219** 74	**1**	
		1300	**125**	1 **4219** 75	**1**	
		2100	**150**	1 **4219** 76	**1**	
		4100	**200**	1 **4219** 77	**1**	
		6090	**250**	1 **4219** 78	**1**	
		9570	**300**	1 **4219** 79	**1**	

	**Gear for butterfly valves** Gear for butterfly valve including handweel As a gear drive for intermediate flanged butterfly valves 1 **4219** 21-29 and for flanged butterfly valves 1 **4219** 61-69 and for flanged butterfly valves 1 **4219** 71-79, gray cast iron, painted black, gear mechanism made of steel, handwheel made of sheet steel painted, handwheel included.	**50-80**	1 **4219** 94	**1**	
		100-150	1 **4219** 95	**1**	
		200	1 **4219** 96	**1**	
		250-300	1 **4219** 97	**1**	

Strainer, mesh size 0.75 mm

Model		Mesh size	kvs	DN	Order number	Sale Unit	€
 4111 F	**HERZ strainer with inclined body and flanged connection. With fine-mesh strainer of chromium-nickel steel.** Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN 558-1, basic series 1, painted blue. Cover with drain hole and sealing plug 1/2. Four holes Rp 1/4 with sealing plugs for differential pressure measurement. Test points 1 **0284** 01 and 1 **0284** 02 must be ordered separately.	**0.75 mm**	**11**	**25**	1 **4111** 83	**1**	
		0.75 mm	**18**	**32**	1 **4111** 84	**1**	
		0.75 mm	**27**	**40**	1 **4111** 85	**1**	

Strainer

	**HERZ strainer with inclined body and flanged connection.** With fine-mesh strainer of chromium-nickel steel. DN 50 - 300: Body of grey cast iron GJL 250 according to EN 1561 DN 350 - 500: Body of spheroidal graphite iron GJS400-15 according to EN 1563. Flange according to EN 1092, PN 16; painted blue. Cover with drain hole and sealing plug.	**2 mm**	**51**	**50**	4 **4111** 80	**1**	
		2 mm	**70**	**65**	4 **4111** 81	**1**	
		2 mm	**114**	**80**	4 **4111** 82	**1**	
		2 mm	**197**	**100**	4 **4111** 83	**1**	
		4 mm	**271**	**125**	4 **4111** 84	**1**	
		4 mm	**349**	**150**	4 **4111** 85	**1**	
		5 mm	**449**	**200**	4 **4111** 86	**1**	
		5 mm	**994**	**250**	4 **4111** 87	**1**	
		6 mm	**1396**	**300**	4 **4111** 88	**1**	
		6 mm	**2461**	**350**	4 **4111** 89	**1**	
		6 mm	**3645**	**400**	4 **4111** 90	**1**	
		6 mm	**5675**	**500**	4 **4111** 92	**1**	

Model		DN	Order number	Sale Unit	€
	**Spare parts set for 4218 GF** consisting of spindle, seal, counting mechanism and hand wheel.	**50 - 65**	1 **4218** 22	**1**	
		80 - 100	1 **4218** 23	**1**	
		125 - 150	1 **4218** 24	**1**	
		200 - 250	1 **4218** 25	**1**	
		300	1 **4218** 26	**1**	



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Pipe System Valves

Gate valves

Model		DN	Order number	Sale Unit	€
	**Single-wedge gate valve with non-rising spindle** Dezincification-resistant brass, socket x socket, Spindle sealing with double O-ring made of FKM. PN 20 bar. Suitable for heating oil (max. 60 °C) Max. operating temperature: 120 °C (discontinued article)	**15**	1 **4112** 31	**10**	
		25	1 **4112** 33	**10**	
		32	1 **4112** 34	**5**	
		40	1 **4112** 35	**5**	
		50	1 **4112** 36	**5**	
	**Single-wedge gate valves with non-rising spindle,** Dezincification-resistant brass, socket x socket, Spindle sealing with double O-ring made of EPDM. PN 20 bar. Max. operating temperature: 120 °C (discontinued article)	**25**	1 **4113** 13	**10**	
		32	1 **4113** 14	**5**	
		40	1 **4113** 15	**5**	
		50	1 **4113** 16	**5**	

Shutoff valves “D” with inclined body and threaded sockets

Spindle sealing with double O-ring

Model		kvs	DN	Order number	Sale Unit	€
 **4125 D STRÖMAX-D**	**STRÖMAX-D, shutoff valve with inclined body, model with long threaded sockets.** Socket x socket, non-rising spindle, spindle sealing with double O-ring. Upper part sealed by O-ring in the body. Compression adapter connection: **DN 15:** Universal model with special sockets for threaded pipe and compression adapter connection. **DN 20:** Adapter 1 **6266** 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. Max. operating temperature: 110°C. PN 20.	**4.8**	**15**	1 **4125** 61	**10**	
		11.5	**20**	1 **4125** 62	**10**	
		21.5	**25**	1 **4125** 63	**10**	
		35.0	**32**	1 **4125** 64	**5**	
		48.0	**40**	1 **4125** 65	**5**	
		80.0	**50**	1 **4125** 66	**5**	
		127.0	**65**	1 **4125** 67	**1**	
		183.0	**80**	1 **4125** 68	**1**	
 **4125 AD STRÖMAX-AD**	**STRÖMAX-AD, shutoff valve with inclined body, model with long threaded sockets, with two holes.** Design as for STRÖMAX-D, but with two holes and one sealing screw. **DN 15–DN 50:** two holes 1/4, 1 sealing screw 2 **0273** 09 screwed on. The hand wheel made of polyamide. **DN 65–DN 80:** two holes 3/8, one sealing screw 2 **0273** 00 screwed on. The hand wheel made of steel sheet. Drain valve 1 **0276** must be ordered separately. Compression adapter connection: **DN 15:** Universal model with special sockets for threaded pipe and compression adapter connection. **DN 20:** Adapter 1 **6266** 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately.	**4.8**	**15**	1 **4125** 71	**10**	
		11.5	**20**	1 **4125** 72	**10**	
		21.5	**25**	1 **4125** 73	**10**	
		35.0	**32**	1 **4125** 74	**5**	
		48.0	**40**	1 **4125** 75	**5**	
		82.0	**50**	1 **4125** 76	**5**	
		127.0	**65**	1 **4125** 77	**1**	
		183.0	**80**	1 **4125** 78	**1**	

Shutoff valves with inclined body and threaded sockets

Spindle sealing with double O-ring

 **4115 STRÖMAX**	**STRÖMAX shutoff valve with inclined body** Socket x socket. Spindle sealing with double O-ring. Upper part sealed by O-ring in the body. Compression adapter connection: **DN 10–DN 15:** Universal models with special sockets for threaded pipe and compression adapter connection. **DN 20:** Adapter 1 **6266** 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. Max. operating temperature: 110°C. PN 20.	**3.0**	**10**	1 **4115** 00	**10**	
		4.0	**15**	1 **4115** 01	**10**	
		10.5	**20**	1 **4115** 02	**10**	
		18.0	**25**	1 **4115** 03	**10**	
		32.5	**32**	1 **4115** 04	**5**	
		44.0	**40**	1 **4115** 05	**5**	
		87.0	**50**	1 **4115** 06	**5**	
		112.0	**65**	1 **4115** 07	**1**	
		175.0	**80**	1 **4115** 08	**1**	
 **4115 A STRÖMAX-A**	**STRÖMAX-A, shutoff valve with inclined body, with two holes.** Design as for STRÖMAX, however with two holes and one sealing screw. **DN 15–DN 50:** two holes 1/4, 1 sealing screw 2 **0273** 09 screwed on. **DN 65–DN 80:** two holes 3/8, one sealing screw 2 **0273** 00 screwed on. Drain valve 1 **0276** must be ordered separately.	**4.0**	**15**	1 **4115** 11	**10**	
		10.5	**20**	1 **4115** 12	**10**	
		18.0	**25**	1 **4115** 13	**10**	
		32.5	**32**	1 **4115** 14	**5**	
		44.0	**40**	1 **4115** 15	**5**	
		87.0	**50**	1 **4115** 16	**5**	
		112.0	**65**	1 **4115** 17	**1**	
		175.0	**80**	1 **4115** 18	**1**	

Ball valves

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve - extended T-handle with thermometer, red, PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2201** 61	25	
		25	20	1 **2201** 62	25	
		25	25	1 **2201** 63	5	
		25	32	1 **2201** 64	16	
		25	40	1 **2201** 65	8	
		25	50	1 **2201** 66	4	
	**Ball valve - extended T-handle with thermometer, blue, PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2201** 71	25	
		25	20	1 **2201** 72	25	
		25	25	1 **2201** 73	5	
		25	32	1 **2201** 74	16	
		25	40	1 **2201** 75	8	
		25	50	1 **2201** 76	4	
	**Ball valve with extended T-handle, red, PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2201** 41	25	
		25	20	1 **2201** 42	25	
		25	25	1 **2201** 43	20	
		25	32	1 **2201** 44	16	
		25	40	1 **2201** 45	8	
		25	50	1 **2201** 46	4	
	**Ball valve with extended T-handle, blue, PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam)	25	15	1 **2201** 51	25	
		25	20	1 **2201** 52	25	
		25	25	1 **2201** 53	20	
		25	32	1 **2201** 54	16	
		25	40	1 **2201** 55	8	
		25	50	1 **2201** 56	4	
	**Ball valve with lever handle (silumin), PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2201** 01	25	
		25	20	1 **2201** 02	25	
		25	25	1 **2201** 03	20	
		25	32	1 **2201** 04	16	
		25	40	1 **2201** 05	8	
		25	50	1 **2201** 06	4	
	**Ball valve with T-handle (silumin), PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2201** 11	10	
		25	20	1 **2201** 12	10	
		25	25	1 **2201** 13	5	
		25	32	1 **2201** 14	16	

Ball valves

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with lever handle (sheet steel galvanised), PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE. Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2201** 21	**10**	
		25	**20**	1 **2201** 22	**10**	
		25	**25**	1 **2201** 23	**5**	
		25	**32**	1 **2201** 24	**5**	
		25	**40**	1 **2201** 25	**8**	
		25	**50**	1 **2201** 26	**4**	
	**Ball valve with T-handle (sheet steel galvanised), PN 25** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE. Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2201** 31	**10**	
		25	**20**	1 **2201** 32	**10**	
		25	**25**	1 **2201** 33	**20**	
		25	**32**	1 **2201** 34	**16**	
	**Ball valve with lever handle (silumin), PN 25** Socket x connection nipple. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, EPDM screw connection, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2211** 01	**25**	
		25	**20**	1 **2211** 02	**25**	
		25	**25**	1 **2211** 03	**20**	
		25	**32**	1 **2211** 04	**16**	
		25	**40**	1 **2211** 05	**8**	
		25	**50**	1 **2211** 06	**4**	
	**Ball valve with T-handle (silumin), PN 25** Socket x connection nipple. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, EPDM screw connection, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2211** 11	**10**	
		25	**20**	1 **2211** 12	**10**	
		25	**25**	1 **2211** 13	**5**	
		25	**32**	1 **2211** 14	**16**	
	**Ball valve with lever handle (sheet steel galvanised), PN 25** Socket x connection nipple. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, EPDM screw connection, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2211** 21	**25**	
		25	**20**	1 **2211** 22	**25**	
		25	**25**	1 **2211** 23	**20**	
		25	**32**	1 **2211** 24	**16**	
		25	**40**	1 **2211** 25	**8**	
		25	**50**	1 **2211** 26	**4**	
	**Ball valve with T-handle (sheet steel galvanised), PN 25** Socket x connection nipple. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, EPDM screw connection, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2211** 31	**10**	
		25	**20**	1 **2211** 32	**25**	
		25	**25**	1 **2211** 33	**20**	
		25	**32**	1 **2211** 34	**16**	

Ball valves

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with lever handle (sheet steel galvanised), PN 25** Socket x nipple. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE. Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2202** 21	**25**	
		25	**20**	1 **2202** 22	**25**	
		25	**25**	1 **2202** 23	**25**	
		25	**32**	1 **2202** 24	**25**	
		25	**40**	1 **2202** 25	**25**	
		25	**50**	1 **2202** 26	**25**	
	**Ball valve with lever handle (silumin), PN 25** Socket x nipple. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE. Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2228** 01	**25**	
		25	**20**	1 **2228** 02	**25**	
		25	**25**	1 **2228** 03	**16**	
		25	**32**	1 **2228** 04	**16**	
		25	**40**	1 **2228** 05	**8**	
		25	**50**	1 **2228** 06	**4**	
	**Ball valve with T-handle (silumin), PN 25** Socket x nipple. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE. Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**15**	1 **2228** 11	**10**	
		25	**20**	1 **2228** 12	**25**	
		25	**25**	1 **2228** 13	**16**	
		25	**32**	1 **2228** 14	**16**	

Ball valves Multiport

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve Multiport with lever handle, PN 25** Ball valves with plug and drain plug. Socket x socket. DN15–DN25: Plug G1/4'' with immersion sleeve, drain plug G1/4'', DN32–DN50: plug G1/2'', drain plug G1/2''. Body made of forged brass, nickel-plated, Ball made of forged brass, chrome-plated. Ball seals in PTFE, spindle seal with PTFE. Threads according to ISO 228. Operating temperature range: -10 °C to +110 °C, (water +0,5 °C bis +110 °C – no steam). Pressure gauge and thermometer must be ordered separately.	**25**	**15**	1 **2416** 01	**25**	
		25	**20**	1 **2416** 02	**25**	
		25	**25**	1 **2416** 03	**16**	
		25	**32**	1 **2416** 04	**16**	
		25	**40**	1 **2416** 05	**8**	
	**Ball valve Multiport with T-handle, PN 25** Ball valves with plug and drain plug. Socket x socket. DN15–DN25: Plug G1/4''with immersion sleeve, drain plug G1/4'', DN32: plug G1/2'', drain plug G1/2''. Body made of forged brass, nickel-plated, Ball made of forged brass, chrome-plated. Ball seals in PTFE, spindle seal with PTFE. Threads according to ISO 228. Operating temperature range: -10 °C to +110 °C, (water +0,5 °C bis +110 °C – no steam). Pressure gauge and thermometer must be ordered separately.	**25**	**15**	1 **2417** 01	**25**	
		25	**20**	1 **2417** 02	**25**	
		25	**25**	1 **2417** 03	**16**	
		25	**32**	1 **2417** 04	**16**	
	**Ball valve Multiport with lever handle, PN 25** with M10 thread for water meter sensor. Socket x socket. Plug M10 with Teflon seal, drain plug G1/4'', Body of forged brass, nickel-plated, Ball made of forged brass, chrome-plated. Ball seals in PTFE, spindle seal with PTFE. Threads according to ISO 228. Operating temperature range: -10 °C to +110 °C, (water +0,5 °C bis +110 °C – no steam).	**25**	**15**	1 **2416** 11	**25**	
		25	**20**	1 **2416** 12	**25**	
	**Ball valve Multiport with T-handle, PN 25** with M10 thread for water meter sensor. Socket x socket. Plug M10 with Teflon seal, drain plug G1/4'', Body of forged brass, nickel-plated, Ball made of forged brass, chrome-plated. Ball seals in PTFE, spindle seal with PTFE. Threads according to ISO 228. Operating temperature range: -10 °C bis +110 °C, (water +0,5 °C bis +110 °C – no steam).	**25**	**15**	1 **2417** 11	**25**	
		25	**20**	1 **2417** 12	**25**	
	**Ball valve Multiport with lever handle, PN 25** Ball valves with plug and drain plug. Socket x socket, length as 1 **2201** 01/02. Plug G1/4''with immersion sleeve, drain plug G1/4'', Body of forged brass, nickel-plated, Ball made of forged brass, chrome-plated. Ball seals in PTFE, spindle seal with PTFE. Threads according to ISO 228. Operating temperature range: -10 °C to +110 °C, (water +0,5 °C bis +110 °C – no steam). Pressure gauge and thermometer must be ordered separately.	**25**	**15**	1 **2416** 21	**25**	
		25	**20**	1 **2416** 22	**25**	
	**Ball valve Multiport with T-handle, PN 25** Ball valves with plug and drain valve. Socket x socket, length as 1 **2201** 11/12. Plug G1/4''with immersion sleeve, drain plug G1/4'', Body of forged brass, nickel-plated, Ball made of forged brass, chrome-plated. Ball seals in PTFE, spindle seal with PTFE. Threads according to ISO 228. Operating temperature range: -10 °C to +110 °C, (water +0,5 °C bis +110 °C – no steam). Pressure gauge and thermometer must be ordered separately.	**25**	**15**	1 **2417** 21	**25**	
		25	**20**	1 **2417** 22	**25**	

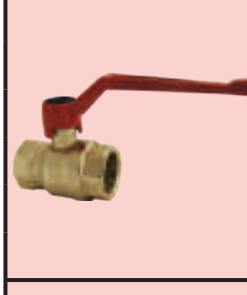
Spare parts for Multiport ball valves

Model		Order number	Sale Unit	€
	**Drain plug G1/4''** (DN15-DN25)	1 **0241** 09	**1**	
	**Drain plug G1/2''** (DN32-DN50)	1 **6383** 23	**1**	
	**Plug G1/4'' with immersion sleeve** (DN15-DN25)	1 **0240** 09	**1**	
	**Plug G1/2''** (DN32-DN50)	1 **2331** 01	**1**	
	**Plug M10 with teflon seal** (DN15-DN20)	1 **0242** 09	**1**	

Accesories for Multiport ball valves

	**Pressure gauge 0–10 bar** G1/4“	1 **2682** 34	**1**	
	**Thermometer 0 - 120 °C** for plug with immersion sleeve	1 **0240** 01	**1**	
	**Reducing plug G1/2“-1/4“** (DN32-DN50)	1 **0241** 01	**1**	
	**Drain valve G1/2“** INOX (DN32-DN50)	1 **8635** 56	**1**	
	**Ball valve with spigot and union nut** G1/2“ (DN32-DN50)	1 **2512** 01	**1**	

Ball valves

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with extended T-handle with thermometer, red, PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 61	25	
		25	20	1 **2206** 62	10	
		25	25	1 **2206** 63	20	
		25	32	1 **2206** 64	16	
		25	40	1 **2206** 65	8	
		25	50	1 **2206** 66	4	
	**Ball valve with extended T-handle with thermometer, blue, PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 71	25	
		25	20	1 **2206** 72	10	
		25	25	1 **2206** 73	20	
		25	32	1 **2206** 74	16	
		25	40	1 **2206** 75	8	
		25	50	1 **2206** 76	4	
	**Ball valve with extended T-handle, red, PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 41	25	
		25	20	1 **2206** 42	25	
		25	25	1 **2206** 43	20	
		25	32	1 **2206** 44	16	
		25	40	1 **2206** 45	8	
		25	50	1 **2206** 46	4	
	**Ball valve with extended T-handle, blue, PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 51	25	
		25	20	1 **2206** 52	25	
		25	25	1 **2206** 53	20	
		25	32	1 **2206** 54	16	
		25	40	1 **2206** 55	8	
		25	50	1 **2206** 56	4	
	**Ball valve with lever handle (silumin), PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE. Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 01	25	
		25	20	1 **2206** 02	25	
		25	25	1 **2206** 03	20	
		25	32	1 **2206** 04	16	
		25	40	1 **2206** 05	8	
		25	50	1 **2206** 06	4	
	**Ball valve with T-handle (silumin), PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE. Spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 11	25	
		25	20	1 **2206** 12	25	
		25	25	1 **2206** 13	20	
		25	32	1 **2206** 14	16	

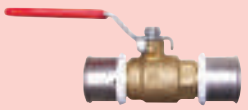
Ball valves

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with lever handle (sheet steel galvanised), PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, Spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 21	25	
		25	20	1 **2206** 22	25	
		25	25	1 **2206** 23	20	
		25	32	1 **2206** 24	16	
		25	40	1 **2206** 25	8	
		25	50	1 **2206** 26	4	
	**Ball valve with T-handle (sheet steel galvanised), PN 25** Socket x socket. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, Spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2206** 31	25	
		25	20	1 **2206** 32	25	
		25	25	1 **2206** 33	20	
		25	32	1 **2206** 34	16	
	**Ball valve with lever handle (silumin), N 25** Socket x connection nipple. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, EPDM screw connection, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2216** 01	25	
		25	20	1 **2216** 02	25	
		25	25	1 **2216** 03	20	
		25	32	1 **2216** 04	16	
		25	40	1 **2216** 05	8	
		25	50	1 **2216** 06	4	
	**Ball valve with T-handle (silumin), PN 25** Socket x connection nipple. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, EPDM screw connection, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2216** 11	25	
		25	20	1 **2216** 12	10	
		25	25	1 **2216** 13	5	
		25	32	1 **2216** 14	16	
	**Ball valve with lever handle (sheet steel galvanised), PN 25** Socket x connection nipple. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, EPDM screw connection, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2216** 21	25	
		25	20	1 **2216** 22	25	
		25	25	1 **2216** 23	20	
		25	32	1 **2216** 24	16	
		25	40	1 **2216** 25	8	
		25	50	1 **2216** 26	4	
	**Ball valve with T-handle (sheet steel galvanised), PN 25** Socket x connection nipple. Body of forged, dezincification-resistant special brass, with full bore. Ball sealing PTFE, EPDM screw connection, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2216** 31	25	
		25	20	1 **2216** 32	25	
		25	25	1 **2216** 33	20	
		25	32	1 **2216** 34	16	

Ball valves - heavy-duty models

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with lever handle (silumin)** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	63	8	1 **2100** 09	25	
		63	10	1 **2100** 00	25	
		50	15	1 **2100** 01	10	
		50	20	1 **2100** 02	10	
		50	25	1 **2100** 03	5	
		40	32	1 **2100** 04	5	
		40	40	1 **2100** 05	12	
		40	50	1 **2100** 06	8	
		16	65	1 **2100** 07	10	
		16	80	1 **2100** 08	5	
	**Ball valve with T-handle (silumin)** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	63	8	1 **2100** 19	25	
		63	10	1 **2100** 10	25	
		50	15	1 **2100** 11	25	
		50	20	1 **2100** 12	25	
		50	25	1 **2100** 13	16	
		40	32	1 **2100** 14	16	
	**Ball valve with lever handle (silumin)** Socket x socket. Body of forged dezincification-resistant brass, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	50	15	1 **2190** 01	10	
		50	20	1 **2190** 02	10	
		50	25	1 **2190** 03	5	
		40	32	1 **2190** 04	5	
		40	40	1 **2190** 05	1	
		40	50	1 **2190** 06	1	
	**Ball valve with extended spindle and lever handle** Socket x socket. Body of forged dezincification-resistant brass, with full bore. PTFE. seals, spindle sealing with O-ring. Female thread according to ISO 228. Min. operating temperature: - 10 °C (water +0.5 °C), max. operating temperature: 130 °C (water up to 110 °C, no steam) .	50	15	1 **2190** 21	10	
		50	20	1 **2190** 22	10	
		50	25	1 **2190** 23	5	
		50	32	1 **2190** 24	5	
		25	40	1 **2190** 25	1	
		25	50	1 **2190** 26	1	
	**Three-port ball valve** Socket x socket. Body of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle sealing with PTFE. Female thread accorind to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	40	15	1 **2412** 01	50	

Ball valve with lever handle and press connection

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with lever handle and press connection, PN 16** Model with pressed connection for aluminium composite pipes. Body of dezincification-resistant special brass. Brass ball, chrome-plated, with full bore - free of dead space. Press fitting TH not sealed when not compressed. Min. operating temperature: -10 °C (water +0.5 °C), max. operating temperature: 85 °C.	16	16 x 2.0	T **7216** 62	40	
			20 x 2.0	T **7220** 62	40	
			26 x 3.0	T **7226** 62	30	

Ball valves

	**Ball valve with freely-rotating union nut, with lever handle (sheet steel galvanised), PN 16** Socket x union nut flat-sealing. Body of forged brass, nickel-plated. Brass ball, chrome-plated, with full bore. PTFE seals, spindle seal with O-ring. Female thread according to ISO 228. Suitable for the connection of heat meters or gas heaters. The union cut can be seald with sealing wire. Min. operating temperature: - 10 °C (water +0.5 °C), max. operating temperature: 80°C.	16	15	1 **2442** 01	50	
		16	20	1 **2442** 02	50	
	**Ball valve with freely-rotating union nut, with T-handle (sheet steel galvanised), PN 16** Socket x union nut flat-sealing. Body of forged brass, nickel-plated. Brass ball, chrome-plated, with full bore. PTFE seals, spindle seal with O-ring. Female thread according to ISO 228. Suitable for the connection of heat meters or gas heaters. The union cut can be seald with sealing wire. Min. operating temperature: - 10 °C (water +0.5 °C), max. operating temperature: 80 °C.	16	15	1 **2442** 11	50	
		16	20	1 **2442** 12	50	
	**Ball valve with freely-rotating union nut, with T-handle PN 25** Socket x union nut flat-sealing. Body of forged brass, nickel-plated. Brass ball, chrome-plated, with full bore. PTFE seals, spindle seal with O-ring. Female thread according to ISO 228. Suitable for the connection of heat meters or gas heaters. The union cut can be seald with sealing wire. Min. operating temperature: - 30 °C (water: +0,5 °C), max. operating temperature: 150 °C (water: 110 °C).	25	15	1 **2221** 01	50	
		25	20	1 **2221** 02	50	

Spindle extension

Model		DN	Order number	Sale Unit	€
	**Spindle extension for HERZ ball valves** Spindle extensions enable/facilitate actuation of ball valves 1 **22xx** xx if insulation material (eg HERZ insulation shells 1 **4096** 2x) is fitted.	15-20	1 **2201** 94	1	
		25-32	1 **2201** 95	1	
		40-50	1 **2201** 96	1	

Angle ball valve

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with freely-rotating union nut, with T-handle (silumin), PN 25** Socket x union nut flat-sealing. Body of forged brass, nickel-plated. Brass ball, chrome-plated, with full bore. PTFE seals. Female thread according to ISO 228. Suitable for connection of heat meters or gas heaters. The union nut can be sealed with sealing wire. Min. operating temperature: -30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	25	15	1 **2224** 21	25	
		25	20	1 **2224** 22	25	

Multifunction ball valve

Model		PN	DN	*) socket	Order number	Sale Unit	€
	**Multifunction ball valve with red hand wheel and thermometer 0–120 °C, PN 25** Socket x socket x nipple x socket additional connection*). Body of forged dezincification-resistant special brass, with full bore. Spindle sealing with PTFE and O-ring, female thread according to ISO 228. Connection for draining, or manometer. T-port of the ball allows for many applications, such as flushing or filling of full systems and parts of systems. Min. operating temperature: - 10 °C (water +0.5 °C), max. operating temperature: 110 °C.	**25**	**20**	**G 3/8" IG**	1 **2414** 02	**20**	
		25	**25**	**G 1/2" IG**	1 **2414** 03	**10**	
		25	**32**	**G 1/2" IG**	1 **2414** 04	**10**	
	**Multifunction ball valve with blue hand wheel and thermometer 0–120 °C, PN 25** Socket x socket x nipple x socket additional connection*). Body of forged dezincification-resistant special brass, with full bore. Spindle sealing with PTFE and O-ring, female thread according to ISO 228. Connection for draining, or manometer. T-port of the ball allows for many applications, such as flushing or filling of full systems and parts of systems. Min. operating temperature: - 10 °C (water +0.5 °C), max. operating temperature: 110 °C.	**25**	**20**	**G 3/8" IG**	1 **2415** 02	**20**	
		25	**25**	**G 1/2" IG**	1 **2415** 03	**10**	
		25	**32**	**G 1/2" IG**	1 **2415** 04	**10**	

Ball valve

Model		PN	DN	*) nut	Order number	Sale Unit	€
	**Ball valve for pump with check valve, PN 16** Socket x union nut*). Body of forged brass, with full bore. Ball sealing PTFE, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**16**	**25**	**1 ½"**	1 **2268** 03	**32**	
	**Ball valve for pump, PN 16** Socket x union nut*). Body of forged brass, with full bore. Ball sealing PTFE, spindle seal with PTFE. Female thread according to ISO 228. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**16**	**25**	**1 ½"**	1 **2269** 03	**32**	
	**Check valve and pump connection** Body of forged brass, female thread x male thread G1 1/2“ x G1“, EPDM seals, Max. operating temperature: 90 °C.	**25**	**20**		1 **2634** 03	**16**	
	**Ball valve with T-handle and backflow preventer, PN 16** Socket x socket. Body of forged, dezincification-resistant special brass, ball without dead leg. PTFE and EPDM seals, spindle sealing with O-ring. Female thread according to ISO 228, spring-loaded backflow preventer of plastic installed. Min. operating temperature: -10°C (water +0.5°C), max. operating temperature: 85°C.	**16**	**15**		1 **2110** 01	**10**	
		16	**20**		1 **2110** 02	**10**	

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Ball valve with connection for temperature sensor

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with connection for temperature sensor** Socket x socket. Body of forged brass, nickel-plated, with full bore. PTFE seals. Female thread according to ISO 228. Sensor connection M10. For use in combination with heat meters and cold water meters. In the open position the measured medium flows around the sensor – temperature changes can be detected quickly and reliably. When the ball valve is closed, the temperature sensor can be replaced without draining the heating system. Min. operating temperature: -30°C (water + 0.5°C), max. operating temperature: 150°C (water up to 110 °C, no steam).	25	15	1 **2202** 81	25	
			20	1 **2202** 82	25	
			25	1 **2202** 83	16	

Strainer, mesh size 0.5 mm

Model		kvs	PN	DN	Order number	Sale Unit	€
	**HERZ Strainer** Body of forged brass, socket x socket. Strainer mesh stainless steel. Max. operating temperature: 110°C.	**3.1**	**16**	**15**	1 **2662** 01	**25**	
		6.3	**16**	**20**	1 **2662** 02	**25**	
		10.4	**16**	**25**	1 **2662** 03	**16**	
		16.5	**16**	**32**	1 **2662** 04	**16**	
		27.4	**16**	**40**	1 **2662** 05	**8**	
		36.7	**16**	**50**	1 **2662** 06	**4**	

Strainer, mesh size 0.75 mm

Model		kvs	PN	DN	Order number	Sale Unit	€
	**HERZ Strainer** with strainer mesh stainless steel, body of dezincification-resistant brass - socket x socket. Max. operating temperature: 110°C.	**21.5**	**25**	**32**	1 **4111** 14	**5**	
		30.0	**25**	**40**	1 **4111** 15	**5**	
		42.0	**25**	**50**	1 **4111** 16	**5**	
		64.3	**16**	**65**	1 **4111** 17	**1**	
		148.6	**16**	**80**	1 **4111** 18	**1**	

Product Group **1**

Strainer with drain valve, mesh size 0.5 mm

	**ERZ Strainer** with drain valve, fine-mesh strainer chromium-nickel steel, body of dezincification-resistant brass - socket x socket. Compression adapter connection: **DN 15:** Universal model with special sockets for threaded pipe and compression adapter connection. **DN 20:** Adapter 1 **6266** 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. Max. operating temperature: 110°C.	**3.1**	**10**	**15**	1 **4111** 41	**10**	
		7.1	**10**	**20**	1 **4111** 42	**10**	

Strainer with drain valve, mesh size 0.5 mm

Model		G	kvs	PN	DN	Order number	Sale Unit	€
	**HERZ-strainer** Body made of dezincification-resistant brass, strainer mesh made of stainless steel, mesh size 0,5 mm; external thread connection flat sealing Max. operating temperature 130 °C, PN 25 bar	**3/4"**	**3.6**	**25**	**15**	1 **4111** 21	**5**	
		1"	**5.1**	**25**	**20**	1 **4111** 22	**5**	
		1 ¼"	**5.0**	**25**	**25**	1 **4111** 23	**5**	
		1 ½"	**11.2**	**25**	**32**	1 **4111** 24	**5**	

Strainer insert for HERZ strainers

Model		Order number	Sale Unit	€
	**Strainer insert 0.50 mm** **for HERZ-strainer** 1 **2662** 03 (DN 25)	1 **6386** 13	**1**	
	Strainer insert 0.75 mm **for HERZ-strainer** 1 **4111** 16 (DN 50)	1 **6386** 16	**1**	
	Strainer insert 0.75 mm **for HERZ-strainer** 1 **4111** 18 (DN 80)	1 **6386** 18	**1**	

Product Group 6

Backflow preventer

Model		PN	DN	Order number	Sale Unit	€
	**HERZ spring check valve** Body of brass, EPDM seals, spring of stainless steel. Opening pressure: 0.02 bar. Temperature range from -10°C to +110°C.	**25**	**15**	1 **2622** 41	**10**	
		25	**20**	1 **2622** 42	**10**	
		25	**25**	1 **2622** 43	**10**	
		25	**32**	1 **2622** 44	**10**	
		25	**40**	1 **2622** 45	**5**	
		25	**50**	1 **2622** 46	**5**	

Product Group 9

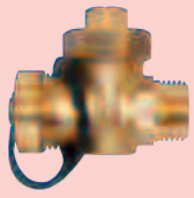
Check valve

Model		DN	Order number	Sale Unit	€
	**HERZ check valve with filter basket** Backflow preventer made of forged brass, opening pressure: 0.02 bar, strainer mesh stainless steel, mesh size 1.25 mm. Larger dimensions on request.	**15**	I **0237** 01	**1**	
		20	I **0237** 02	**1**	
		25	I **0237** 03	**1**	

Antifreeze valve

Model		DN	Order number	Sale Unit	€
	**Antifreeze valve** **Safety element for heat pumps** Body made of brass, EPDM seal, spring made of stainless steel. Nominal pressure: PN10, Max. operating temperature: 90 °C, Ambient temperature range: from -30 °C to +60 °C, Opening temperature: 3 °C, Closing temperature: 4 °C, Measurement accuracy: ± 1 K, Version G 1″ Kv 55 m³/h, Discharge flow rate (3 bar): 1 l/h	**25**	1 **2623** 13	**1**	

Boiler filling and drain valves

Model		PN	DN	Order number	Sale Unit	€
	**Boiler filling and drain valve THERMOFLEX, PN 10** Pipe connection with male thread. Body of forged brass. Brass plug, with full bore. EPDM seals, ease of motion thanks to disc spring and friction disc, hose connection with cap. Hose connection must be ordered separately. Min. operating temperature: - 30 °C (water +0.5 °C), max. operating temperature: 110 °C (no steam).	**10**	**10**	1 **4119** 00	**20**	
		10	**15**	1 **4119** 01	**20**	
		10	**20**	1 **4119** 02	**20**	

Product group 6

Boiler filling and drain valves

	**Boiler filling and drain valve, PN 10** Pipe connection with male thread. Body of forged brass, nickel-plated, with full bore. EPDM seals. The blind cap can also be used for actuation and can be secured against loss with a chain, Min. operating temperature: - 10 °C (water +0.5 °C), max. operating temperature: 110 °C (no steam).	**10**	**15**	1 **2512** 11	**25**	
	**Ball valve with spigot and union nut 1/2", PN 10** Pipe connection with male thread. Body of forged brass, with full bore. PTFE and NBR seals. Min. operating temperature: - 10 °C (water +0.5 °C), max. operating temperature: 110 °C (no steam).	**10**	**15**	1 **2512** 01	**50**	
		10	**20**	1 **2512** 02	**20**	

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Ball valve for expansion tank connection

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve for expansion tank connection, PN 10** Socket x socket. Body of forged brass. Ball with full bore. PTFE seals, EPDM spindle seal. Female thread according to ISO 228. Connection on the heating side flat sealing, expansion tank connection thread sealing. Can be separated through dutch screwing. 1 **2205** 02 is suitable for direct assembly on 1 **4513** 30 (connection set for expansion tank). Min. operating temperature: -10 °C (water: +0.5 °C), max. operating temperature: 115 °C (water up to 110 °C, no steam).	**10**	**20**	1 **2205** 02	**25**	
		10	**25**	1 **2205** 03	**25**	

Automatic air vent

Model		PN	DN	Order number	Sale Unit	€
	**Automatic air vent MICRO mit Rückflussverhinderer 3/8"–1/2",** Body made of forged brass, Seals NBR. Max. operating temperature: 110 °C.	**8**	**15**	1 **2630** 38	**1**	

Air vents

Model		PN	DN	Order number	Sale Unit	€
	**Automatic air vents (release valve only)** Body of forged brass, NBR seals. Max. operating temperature: 110 °C.	**8**	**10**	1 **2630** 02	**25**	
		8	**20**	1 **2630** 03	**25**	
	as above, but with backflow preventer 3/8"–3/8"	**8**	**10**	1 **2630** 00	**10**	
	as above, but with backflow preventer 3/8"–1/2"	**8**	**15**	1 **2630** 01	**10**	
	**Automatic air vent WE (release valve only)** Body of forged brass, EPDM seals. Max. operating temperature: 110 °C.	**10**	**10**	1 **2630** 10	**25**	
	as above, but with backflow preventer 3/8"–3/8"	**10**	**10**	1 **2630** 11	**25**	
	as above, but with backflow preventer 3/8"–1/2"	**10**	**15**	1 **2630** 12	**25**	
	**Backflow preventer 3/8"–3/8"** body of brass, with O-ring. Max. operating temperature: 110 °C.	**10**	**10**	1 **2621** 00	**25**	
	as above, but 3/8"–1/2"	**10**	**15**	1 **2621** 01	**25**	

Product Group 9

Air and dirt separator

Model		DN	kvs	Order number	Sale Unit	€
	**HERZ air and dirt separator** Body of dezincification-resistant brass, with automatic air vent with backflow preventer, integrated magnet for separation of ferromagnetic particles, ball valve at bottom for draining the separated dirt, rotating connection element for installation in vertical as well as horizontal lines. Nominal pressure: 10 bar Operating pressure: 6 bar Max. operating temperature: 110 °C (without steam).	**20**	**12.1**	I **1124** 02	**1**	
		25	**13.6**	I **1124** 03	**1**	
		32	**14**	I **1124** 04	**1**	

Air separators

Model		DN	Order number	Sale Unit	€
	**HERZ air separator** combined with automatic air vent, body of brass. Nominal pressure 12 bar, operating pressure 6 bar. Max. operating temperature: 110°C.	**20**	I **0124** 02	**1**	
		25	I **0124** 03	**1**	
		32	I **0124** 04	**1**	
		40	I **0124** 05	**1**	
		50	I **0124** 06	**1**	
	**HERZ solar air separator** combined with automatic air vent for solar systems, body of brass. Nominal pressure 10 bar, operating pressure 6 bar. Max. operating temperature: 150°C.	**20**	I **0124** 12	**1**	
		25	I **0124** 13	**1**	
		32	I **0124** 14	**1**	
	**HERZ automatic air vent for solar systems,** body of brass, nominal pressure 10 bar, operating pressure 6 bar. Max. operating temperature: 150°C.	**10**	I **0101** 00	**1**	
	as above, but with backflow preventer	**15**	I **0101** 01	**1**	
	**HERZ backflow preventer** Body of brass, insert of high-temperature plastic, with O-ring at the air vent connection.	**15**	I **0101** 02	**1**	

Design air vents

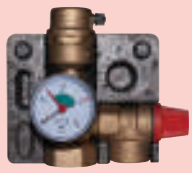
	**HERZ automatic air vent in angle model,** body of brass **chrome-plated** Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2" self-sealing.	**15**	I **0116** 41	**1**	
	HERZ automatic air vent in angle model, body of brass **painted white** Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2" self-sealing.	**15**	I **0116** 44	**1**	
	**HERZ automatic air vent, straight model,** body of brass **chrome-plated** Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2" self-sealing.	**15**	I **0117** 41	**1**	
	HERZ automatic air vent in straight model, body of brass **painted white** Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2" self-sealing.	**15**	I **0117** 44	**1**	

Under-boiler magnetic filter

Product Group 6

Model		DN	Order number	Sale Unit	€
	**Under-boiler magnetic filter** Nipple x union nut. Body of brass, nickel-plated, with full bore. EPDM seals. Integrated filterr and magnet for separation of ferromagnetic particles. Backflow preventer before connection boiler, removable cap, possible cleaning of filter and magnet under system pressure. Max. operating temperature: 90 °C (no steam).	**20**	1 **1125** 02	**10**	

Safety valves

Model		Pout	DN	Order number	Sale Unit	€
	**Boiler group** for heating water. Max. operating temperature: 110°C. Pressure: 0–3 bar.	**3**	**25**	1 **2104** 15	**1**	
	**Pressure relief safety valve** Body of forged brass, VMQ-Silicon membrane, with seals and plastic cap Max. operating temperature: 110°C. For boiler output to 75 kW.	**2.5**	**15**	1 **2611** 01	**10**	
		3	**15**	1 **2612** 01	**10**	
		4	**15**	1 **2615** 01	**1**	
		6	**15**	1 **2613** 01	**10**	
		8	**15**	1 **2685** 01	**50**	
		10	**15**	1 **2695** 01	**50**	
	Pressure relief safety valve Body of forged brass, VMQ-Silicon membrane, with seals and plastic cap Max. operating temperature: 110°C. For boiler output to 100 kW.	**1.8**	**20**	1 **2618** 02	**50**	
		2.5	**20**	1 **2604** 02	**100**	
		3	**20**	1 **2605** 02	**50**	
	as above, but for boiler output to 150 kW	**6**	**20**	1 **2606** 02	**100**	
		8	**20**	1 **2686** 02	**50**	
		10	**20**	1 **2696** 02	**50**	
	as above, but for boiler output to 200 kW	**2.5**	**25**	1 **2607** 03	**30**	
		3	**25**	1 **2608** 03	**50**	
		4	**25**	1 **2647** 03	**50**	
		5	**25**	1 **2657** 03	**50**	
		6	**25**	1 **2667** 03	**50**	
		8	**25**	1 **2687** 03	**50**	
		10	**25**	1 **2697** 03	**50**	
	as above, but for boiler output to 350 kW	**2.5**	**32**	1 **2609** 04	**30**	
		3	**32**	1 **2610** 04	**30**	
		6	**32**	1 **2669** 04	**12**	
		8	**32**	1 **2689** 04	**12**	

Upper parts for inclined body valves manufactured as of 2004

Model		DN	Order number	Sale Unit	€
	**Upper part** for STRÖMAX shutoff valves with O-ring seal between upper part and body. Rising spindle **4115, 4115 A**		1 **6385** 50	**1**	
			1 **6385** 52	**1**	
			1 **6385** 53	**1**	
			1 **6385** 54	**1**	
			1 **6385** 55	**1**	
			1 **6385** 56	**1**	
			1 **6385** 57	**1**	
			1 **6385** 58	**1**	
	**Upper part** for STRÖMAX-D shutoff valves. Non-rising spindle **4125 D, 4125 AD** **4325 D, 4325 AD**		1 **6389** 01	**1**	
			1 **6389** 02	**1**	
			1 **6389** 03	**1**	
			1 **6389** 04	**1**	
			1 **6389** 05	**1**	
			1 **6389** 06	**1**	
			1 **6389** 07	**1**	
			1 **6389** 08	**1**	
	**Hand wheel** with fastening screw for STRÖMAX-D, STRÖMAX-G	**15–50**	1 **6517** 00	**1**	
		**65–80**	1 **6519** 17	**1**	

Model		Square	Ø hand wheel	Order number	Sale Unit	€
	**Hand wheel** with fastening screw for gate valves and STRÖMAX compression gland models **4115, 4115 A** **4112, 4112 A**	**6 mm**	**50 mm**	1 **6519** 00	**1**	
		7 mm	**60 mm**	1 **6519** 02	**1**	
		8 mm	**80 mm**	1 **6519** 04	**1**	
		9 mm	**80 mm**	1 **6519** 06	**1**	
	Hand wheel with fastening screw for gate valves and STRÖMAX compression gland models **4115, 4115 A, 4113**	**6 mm**	**60 mm**	1 **6519** 11	**1**	
		7 mm	**70 mm**	1 **6519** 12	**1**	
		7 mm	**88 mm**	1 **6519** 13	**1**	
		10 mm	**130 mm**	1 **6519** 17	**1**	
	**Hand wheel** with fastening screw for single-wedge gate valves **4112**	**6 mm**	**60 mm**	1 **6519** 21	**1**	
		7 mm	**70 mm**	1 **6519** 22	**1**	
		7 mm	**88 mm**	1 **6519** 23	**1**	
		10 mm	**130 mm**	1 **6519** 27	**1**	

Upper parts for inclined body valves, year of manufacture 1982-2004

Model		DN	Order number	Sale Unit	€
	**Upper part** for STRÖMAX shutoff valves with Klingerit seal between upper part and body. **4115, 4115 A**	10 15	1 **6385** 00	1	
		20	1 **6385** 02	1	
		25	1 **6385** 03	1	
		32	1 **6385** 04	1	
		40	1 **6385** 05	1	
		50	1 **6385** 06	1	
		65	1 **6385** 07	1	
		80	1 **6385** 08	1	
	**Cone seal** made of PTFE for upper part 1 **6385** 0X	10 15	1 **6790** 00	1	
		20	1 **6790** 02	1	
		25	1 **6790** 03	1	
		32	1 **6790** 04	1	
		40	1 **6790** 05	1	
		50	1 **6790** 06	1	

Drain valves manufactured up to 2004

for pipe fittings and old models of inclined body valves

Model		DN	Bestell-nummer	VKE	€
	**Drain valve with handle** with Klingerit seal.	8	1 **0270** 09	1	
		10	1 **0270** 00	1	
	**Sealing screw** with Klingerit seal.	8	1 **0272** 09	1	
		10	1 **0272** 00	1	

Upper parts for straight body valves

	**Upper part** for STRÖMAX-G shutoff valves. **4215 G, 4215 AG, 4218 AGF**	15 20	1 **6387** 52	1	
		25	1 **6387** 53	1	
		32	1 **6387** 54	1	
		40	1 **6387** 55	1	
		50	1 **6387** 56	1	
		65	1 **6387** 57	1	
		80	1 **6387** 58	1	

Spare Parts

Product Group **6**

Spare parts for ball valves

	**Thermometer 0 - 120 °C** **for ball valves with extended T-handle and thermometer** 1 **2201** 61-66**,** 1 **2206** 61-66**,** 1 **2201** 71-76 **and** 1 **2206** 71-76		1 **6386** 58	**1**	
	**Lever handle for ball valve, red, steel galvanized** L = 90 mm, for 1 **2201** 21/22, 1 **2211** 21/22, 1 **2206** 21/22 and 1 **2216** 21/22 (DN 15/DN 20)		1 **6386** 59	**1**	
	Lever handle for ball valve, red, steel galvanized L = 135 mm, for 1 **2201** 23/24, 1 **2211** 23/24, 1 **2206** 23/24 and 1 **2216** 23/24 (DN 25/DN 32)		1 **6386** 60	**1**	
	Lever handle for ball valve, red, steel galvanized L = 180 mm, for 1 **2201** 25/26, 1 **2211** 25/26, 1 **2206** 25/26 and 1 **2216** 25/26 (DN 40/DN 50)		1 **6386** 61	**1**	
	**T-handle for ball valve, red, silumin** L = 55 mm, for 1 **2100** 11/12, 1 **2160** 11/12 and 1 **2180** 11/12 (DN 15/DN 20)		1 **6386** 70	**1**	
	T-handle for ball valve, red, silumin L = 75 mm, for 1 **2100** 13/14, 1 **2160** 13/14, 1 **2180** 13/14 and 1 **2412** 01 (DN 25/DN 32)		1 **6386** 71	**1**	

Produkt-gruppe **1**

Accessories

	**Sealing screw** Dezincification-resistant brass with O-ring seal and external hex.	**8**	2 **0273** 09	**10**	
		10	2 **0273** 00	**10**	
	**Drain valve with handle and swivelling hose connection** Hose connection 1 **6206** 01 must be ordered separately.	**8**	1 **0276** 09	**1**	
		10	1 **0276** 00	**1**	
	**Hose connection 1/2”** Nut and spigot.	**15**	1 **6206** 01	**1**	

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8

Temperature Control, Measurement and Control Technology

Actuating drives for 2-point control*

Model			Operating voltage	Order number	Sale Unit	€
	**HERZ actuating drive for 2-point control for floor heating circuit distributors and valves** M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.	**NC**	**24 V/AC/DC**	1 **7708** 52	**1**	
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.	**NC**	**230 V/AC**	1 **7708** 53	**1**	
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.	**NO**	**230 V/AC**	1 **7708** 24	**1**	
	HERZ actuating drive for 2-point control for control and thermostatic valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, with limit switch. Closing force 100 N. Power consumption 1 watt.	**NC**	**230 V/AC**	**1 7708** 87	**1**	
	**HERZ actuating drive for 2-point control for valves** M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 6.5 mm stroke, adapter M 28 x 1.5 colour blue integrated, cable fixed, without limit switch. Closing force 125 N. Power consumption 1.2 watt.	**NC**	**230 V/AC**	**1 7708** 27	**1**	
	HERZ actuating drive for 2-point control for valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 6.5 mm stroke, adapter M 28 x 1.5 colour blue integrated, cable fixed, without limit switch. Closing force 125 N. Power consumption 1.2 watt.	**NC**	**24 V/AC/DC**	**1 7708** 48	**1**	

Actuating drive for continuous control*

	**HERZ actuating drive for continuous control** M 28 x 1.5, 0..10 V, 5 mm stroke, adapter M 28 x 1.5 colour blue integrated, male connector, cable loose, without limit switch. Closing force 100 N, 1.2 watt.	**NC**	**24 V/AC control signal 0 ... 10 V/DC**	1 **7990** 31	**1**	
	HERZ actuating drive for continuous control M 28 x 1.5, 0..10 V, 6.5 mm stroke, adapter M 28 x 1.5 colour blue integrated, male connector, cable loose, without limit switch. Closing force 125 N, 1.2 watt with valve stroke detection.	**NC**	**24 V/AC control signal 0 ... 10 V/DC**	1 **7990** 32	**1**	

*** For drives in combination with M 30 x 1.5 valves, the adapter** 1 **7708** 86 **or** 1 **7708** 98 **must be ordered separately.**

Geared motors*

Model		Operating voltage	Order number	Sale Unit	€
	**HERZ geared motor 3-point** Adapter M 28 x 1.5 colour red integrated, 24 V, stroke distance max. 8.5 mm, max. actuation force 200 N.	**24 V/AC/DC**	1 **7708** 40	**1**	
	HERZ geared motor 3-point Adapter M 28 x 1.5 colour red integrated, 230 V, stroke distance max. 8.5 mm, max. actuation force 200 N.	**230 V/AC**	1 **7708** 41	**1**	
	HERZ geared motor DDC 0–10 V Adapter M 28 x 1.5 colour red integrated, 24 V, stroke distance max. 8.5 mm, max. actuation force 200 N.	**24 V/AC/DC control signal 0 ... 10 V/DC**	1 **7708** 42	**1**	
	HERZ geared motor DDC 0–10 V Adapter M 28 x 1.5 colour red integrated, 24 V, stroke distance max. 8.5 mm, max. actuation force 200 N. With valve port detection and feedback channel.	**24 V/AC/DC control signal 0 ... 10 V/DC**	1 **7708** 46	**1**	
	HERZ geared motor DDC 0–10 V failsafe Adapter M 28 x 1.5 colour red integrated, 24 V, stroke distance max. 8.5 mm, max. actuation force 200 N. With failsafe function, closes in case of power failure. With valve port detection and feedback channel.	**24 V/AC/DC control signal 0 ... 10 V/DC**	1 **7708** 47	**1**	

Adapter for actuating drives 7708, 7990*

Model		Order number	Sale Unit	€
	**Adapter for HERZ actuating drive, colour red** Adapter M 28 x 1.5 for use with HERZ heating circuit distributors and HERZ valves (incl. 4002, 4006, 7217-GV, 7217-V, 4406, 4012, 4006 SMART and 4206 SMART) in combination with all 2-point drives.	1 **7708** 90	**1**	
	**Adapter for HERZ actuating drive, colour blue** Adapter M 28 x 1.5 for use with HERZ 4406/4006/4002 and 7217 GV in combination with 2-point drives 1 **7708** 27 / 1 **7708** 48, with continuous drives 1 **7990** 3x.	1 **7708** 85	**1**	
	**Adapter for HERZ actuating drive, colour grey** Adapter M 30 x 1.5 for the use of: Oventrop thermostatic valves and stainless steel distributors Oventrop Cocon, Cocon4 Viega stainless steel distributor T&A TBV-CM, TBV-CMP.	1 **7708** 86	**1**	
	**Adapter for HERZ actuating drive, colour grey, tappet red** Adapter M 28 x 1.5 for use with 7217-98-V, 7217-99-V.	1 **7708** 80	**1**	
	Adapter for HERZ actuating drive, colour whitish-grey Adapter M 30 x 1.5 for use with HERZ valves with M 30 x 1.5. Threaded connection, HERZ control valves 7760, 7762 and 7763 and for Heimeier valves with M 30 x 1.5.	1 **7708** 98	**1**	
	**Adapter for HERZ actuating drive, colour dust grey, tappet yellow** Adapter M 30 x 1.5 for use with HERZ plastic distributors.	1 **7708** 82	**1**	

*** Adapter selection table see HERZ data sheet 7708.**

Transformer 230 V/24 V

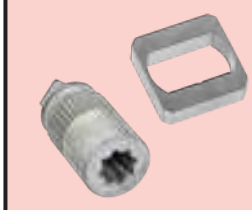
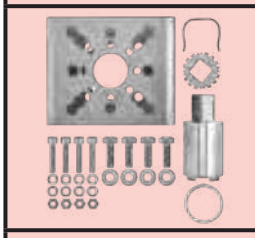
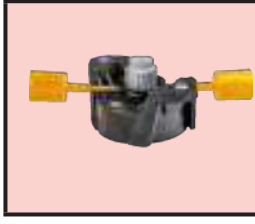
	**Transformer 230 V/24 V** Input voltage 230 V~ Output voltage 24 V~ Perm. operating temperature 0°C to 50°C Output power 60 VA Protection class IP 30.	1 **7796** 04	**50**	

*** For drives in combination with M 30 x 1.5 valves, the adapter** 1 **7708** 86 **or** 1 **7708** 98 **must be ordered separately.**

Rotary drive for HERZ butterfly valves (1 **4219** 2x, 1 **4219** 3x)

Model		Operating voltage	Order number	Sale Unit	€
	**Rotary drive for HERZ butterfly valves DN 50/65/80** Torque 40 Nm, operating time of motor 150 s / 90 °, protection class IP54, manual adjustment with push button, lockable, connection cable 1 m, power consumption in operation 4 W. Adapter 1 **7711** 47 must be ordered separately.	**24 V AC/DC open/close**	1 **7711** 40	**1**	
	Rotary drive for HERZ butterfly valves DN 50/65/80 Torque 40 Nm, operating time of motor 150 s / 90 °, protection class IP54, manual adjustment with push button, lockable, connection cable 1 m, power consumption in operation 5 W. Adapter 1 **7711** 47 must be ordered separately.	**230 V AC open/close**	1 **7711** 42	**1**	
	Rotary drive for HERZ butterfly valves DN 50/65/80 Torque 40 Nm, Actuation: continuous, control signal 2...10 V, operating time of motor 150 s / 90 °, protection class IP54, manual adjustment with push button, lockable, connection cable 1 m, power consumption in operation 4,5 W. Adapter 1 **7711** 47 must be ordered separately.	**24 V AC/DC continuous**	1 **7711** 44	**1**	
	**Rotary drive for HERZ butterfly valves DN 100/125/150/200** Torque 160 Nm, 2 x auxiliary switch, operating time of motor 35 s / 90 °, protection class IP66/67, manual adjustment hand crank, connection terminals 2.5 mm², power consumption in operation 20 W. Adapter 1 **7711** 48 (DN100 - DN150) or 1 **7711** 49 (DN200) must be ordered separately.	**24 V AC/DC 230 V AC open/close, 3-point**	1 **7711** 41	**1**	
	Rotary drive for HERZ butterfly valves DN 100/125/150/200 Torque 160 Nm, 2 x auxiliary switch, actuation: continuous, control signal 2...10 V, operating time of motor 35 s / 90 °, protection class IP66/67, manual adjustment hand crank, connection terminals 2.5 mm², power consumption in operation 20 W. Adapter 1 **7711** 48 (DN100 - DN150) or 1 **7711** 49 (DN200) must be ordered separately.	**24 V AC/DC 230 V AC, continuous**	1 **7711** 45	**1**	
	**Rotary drive for HERZ butterfly valves DN 250/300** Torque 650 Nm, 2 x auxiliary switch, operating time of motor 38 s / 90 °, protection class IP67, manual adjustment temporary with handwheel (non-rotating), connection terminals 2.5 mm², power consumption in operation 193 W. Without adapter, direct mounting.	**230 V AC open/close, 3-point**	1 **7711** 43	**1**	

Accessories

Model		Order number	Sale Unit	€
	**HERZ adapter set for HERZ rotary drive** Adapter set for mounting HERZ rotary drives 1 **7711** 40 / 42 / 44 on HERZ butterfly valves (DN50/65/80): 1 **4219** 2x, 1 **4219** 3x	1 **7711** 47	**1**	
	**HERZ adapter set for HERZ rotary drive** Adapter set for mounting HERZ rotary drives 1 **7711** 41 / 45 on HERZ butterfly valves (DN100/125/150): 1 **4219** 2x, 1 **4219** 3x	1 **7711** 48	**1**	
	**HERZ adapter set for HERZ rotary drive** Adapter set for mounting HERZ rotary drives 1 **7711** 41 / 45 on HERZ butterfly valves (DN200): 1 **4219** 2x, 1 **4219** 3x	1 **7711** 49	**1**	

Auxiliary switch for 1 7711 40, 1 7711 42, 1 7711 44

	**Auxiliary switch with two switches (SPDT)** Auxiliary switch for use with drives 1 **7711** 40, 1 **7711** 42, 1 **7711** 44, grey casing, 2 x SPDT, protection class IP54, 1mA...3 (0.5) A, 250 V AC, switching points adjustable 0...100%, connection cable 1 m	1 **7711** 51	**1**	

Drives

Model		Operating Voltage	Order number	Sale Unit	€
	**HERZ actuator for control valves 24 V AC / DC** Actuation: continuous, positioning force 500 N, stroke 15 mm, operating range continuous 2-10 V, with position feedback signal, characteristic graph linear, operating direction adjustable, positioning time 150 s/15 mm, protection class IP54, power consumption in operation 1 W, automatic adaptation to the stroke of the valve, for drive and adapter selection, see the selection table.	**24 V AC / DC**	F **7712** 90	**1**	
	HERZ actuator for control valves 24 V AC / DC Actuation: 2-point or 3-point, positioning force 500 N, Stroke 15 mm, operating direction adjustable, positioning time 150 s/15 mm, protection class IP54, power consumption in operation 1 W, for drive and adapter selection see the selection table.	**24 V AC / DC**	F **7712** 95	**1**	
	HERZ actuator for control valves 230 V AC Actuation: 2-point or 3-point, positioning force 500 N, nominal voltage 100-240 V, Stroke 15 mm, operating direction adjustable, positioning time 150 s/15 mm, protection class IP54, power consumption in operation 2 W, for drive and adapter selection see the selection table.	**230 V AC**	F **7712** 81	**1**	
	HERZ actuator for control valves 24 V AC/DC Actuation: continuous, positioning force 1000 N, stroke 20 mm, operating range continuous 2-10 V, with position feedback signal, characteristic graph linear, operating direction adjustable, positioning time 150 s/20 mm, protection class IP54, power consumption in operation 1,5 W, automatic adaptation to the stroke of the valve, for drive and adapter selection see the selection table.	**24 V AC / DC**	F **7712** 91	**1**	
	HERZ actuator for control valves 24 V AC / DC Actuation: 2-point or 3-point, positioning force 1000 N, stroke 20 mm, operating direction adjustable, positioning time 150 s/20 mm, protection class IP54, power consumption in operation 1,5 W, for drive and adapter selection see the selection table.	**24 V AC / DC**	F **7712** 96	**1**	
	HERZ actuator for control valves 230 V AC Actuation: 2-point or 3-point, positioning force 1000 N, nominal voltage 100-240 V, stroke 20 mm, operating direction adjustable, positioning time 150 s/20 mm, protection class IP54, power consumption in operation 2 W, for drive and adapter selection see the selection table.	**230 V AC**	F **7712** 82	**1**	
	**HERZ actuator for control valves 24 V AC / DC** Actuation: continuous, positioning force 2500 N, stroke 40 mm, operating range continuous 2-10 V, with position feedback signal, characteristic graph linear, operating direction adjustable, positioning time 150 s/40 mm, protection class IP54, power consumption in operation 4 W, automatic adaptation to the stroke of the valve, for drive and adapter selection see the selection table.	**24 V AC / DC**	F **7712** 92	**1**	
	HERZ actuator for control valves 24 V AC / DC Actuation: 2-point or 3-point, positioning force 2500 N, stroke 40 mm, operating direction adjustable, positioning time 150 s/40 mm, protection class IP54, power consumption in operation 2,5 W, for drive and adapter selection see the selection table.	**24 V AC/DC**	F **7712** 98	**1**	
	HERZ actuator for control valves 230 V AC Actuation: 2-point or 3-point, positioning force 2500 N, nominal voltage 100-240 V, Stroke 40 mm, operating direction adjustable, positioning time 150 s/40 mm, protection class IP54, power consumption in operation 2 W, for drive and adapter selection see the selection table.	**230 V AC**	F **7712** 84	**1**	

Drives

Model		Operating Voltage	Order number	Sale Unit	€
	**HERZ actuator for PICV 24 V AC / DC** Actuation: continuous, control signal 2...10 V, positioning force 500 N, stroke 15 mm, with position feedback signal 0.5 - 10 V, communication via MP-Bus; actuator characteristics equal percentage, operating direction adjustable, positioning time 150 s / 15 mm, degree of protection IP54, power consumption in operation 2 W, automatic adaptation to the stroke of the valve, for drive and adapter selection, see the selection table.	**24 V AC / DC continuous**	F **7713** 01	**1**	
	HERZ actuator for PICV 24 V AC / DC Actuation: continuous, control signal 2...10 V, positioning force 1000 N, stroke 20 mm, with position feedback signal 0.5 - 10 V, communication via MP-Bus; actuator characteristics equal percentage, operating direction adjustable, positioning time 150 s / 20 mm, degree of protection IP54, power consumption in operation 1,5 W, automatic adaptation to the stroke of the valve, for drive and adapter selection, see the selection table.	**24 V AC / DC continuous**	F **7713** 02	**1**	
	**HERZ actuator for PICV 24 V AC / DC** Actuation: continuous, control signal 2...10 V, positioning force 2500 N, stroke 40 mm, with position feedback signal 0.5 - 10 V, communication via MP-Bus; actuator characteristics equal percentage, operating direction adjustable, positioning time 150 s / 40 mm, degree of protection IP54, power consumption in operation 4 W, automatic adaptation to the stroke of the valve, for drive and adapter selection, see the selection table.	**24 V AC / DC continuous**	F **7713** 03	**1**	
	**HERZ actuator for 2-way and 3-way globe valves 24 V AC / DC** Actuation: continuous, control signal 2...10 V, positioning force 500 N, stroke 15 mm, with position feedback signal 2 - 10 V, connection terminals with cable 1 m, operating time of motor 35s / 15mm, degree of protection IP54, manual adjustment with push button, lockable, power consumption in operation 2 W.	**24 V AC/DC continuous, fast running**	F **7713** 05		
	**HERZ actuator for 2-way and 3-way globe valves 24 V AC / DC** Actuation: continuous, control signal 2...10 V, positioning force 1000 N, stroke 20 mm, with position feedback signal 2 - 10 V, connection terminals with cable 1 m, operating time of motor 35s / 20mm, degree of protection IP54, manual adjustment with push button, lockable, power consumption in operation 3.5 W.	**24 V AC/DC continuous, fast running**	F **7713** 06		
	**HERZ actuator for 2-way and 3-way globe valves 24 V AC / DC** Actuation: continuous, control signal 2...10 V, positioning force 2500 N, stroke 40 mm, with position feedback signal 2 - 10 V, connection cable 1 m, operating time of motor 35s / 40mm, degree of protection IP54, manual adjustment with push button, lockable, power consumption in operation 11 W.	**24 V AC/DC continuous, fast running**	F **7713** 07		
	**HERZ actuator for 2-way and 3-way globe valves 24 V AC / DC** Actuation: continuous, control signal 2...10 V, positioning force 1000 N, stroke 20 mm, with position feedback signal 2 - 10 V, connection terminals with cable 1 m, operating time of motor 150s / 20mm, running time fail-safe 35s / 20mm, degree of protection IP54, manual adjustment with push button, power consumption in operation 2.5 W.	**24 V AC/DC continuous, fail-safe**	F **7713** 08		
	**HERZ actuator for 2-way and 3-way globe valves 24 V AC / DC** Actuation: continuous, control signal 2...10 V, positioning force 2000 N, stroke 32 mm, with position feedback signal 2 - 10 V, connection terminals with cable 1 m, operating time of motor 150s / 32mm, running time fail-safe 35s / 32mm, degree of protection IP54, manual adjustment with push button, power consumption in operation 5 W.	**24 V AC/DC continuous, fail-safe**	F **7713** 09		

Accessories

Model		Order number	VKE	€
	**Auxiliary switch with two switching points (SPDT)** Auxiliary switch for use with drives F **7712** XX , F **7713** XX, grey casing, 2 x SPDT, protection class IP54, 1mA...3 (0.5) A, 250 V AC, switching points adjustable 0...100%, connection cable 1 m.	F **7712** 99	**1**	

Valve drives for 3-port valves, actuation force 500 N

Model		Operating voltage	Order number	Sale Unit	€
	**Valve drive with position controller for 3-port valves, 500 N** Operated by heating controller for continuous or 2-point/3-point control. Selection of linear or equal percentage characteristic graph. Two-part body of self-extinguishing plastic. Bracket of plastic and union nut of brass for valve attachment. Operating direction switchable directly on the cable, automatic adaptation to the valve stroke. Coding switch for selection of the characteristic graph and operating time. Disengageable gearbox for positioning of the valve and manual adjustment. Installation vertical to horizontal, non-suspended.	**24 V/AC/DC**	1 **7712** 11	**1**	
	Valve drive with position controller for 3-port valves, 500 N Operated by heating controller for 2-point/3-point control. Two-part body of self-extinguishing plastic. Bracket of plastic and union nut of brass for valve attachment. Disengageable gearbox for positioning of the valve and manual adjustment. Installation vertical to horizontal, non-suspended.	**230 V/AC**	1 **7712** 50	**1**	
		24 V/AC	1 **7712** 51	**1**	

Drives

	**HERZ actuator for control valves 24 V AC/DC** Control: 2-point, 3-point or continuous; Actuation force 2500 N, stroke 49 mm; Actuation time 2/4/6 s/mm, IP 66; Two-colour LED display; Automatic adaptation to the stroke of the valve. Operating voltage 230 V with 230 V module 1 **7712** 22 possible. For drive and adapter selection, see the selection table on pages 258-259.	**24 V/AC/DC**	1 **7712** 21	**1**	
	HERZ actuator for control valves 24 V AC/DC Control: 2-point, 3-point or continuous; Actuation force 2500 N, stroke 49 mm; Actuation time 2/4/6 s/mm, IP 66; Operating range continuous 0 - 10 V/4-20 mA with actuation feedback signal; Two-colour LED display Automatic adaptation to the stroke of the valve. Operating voltage 230 V with 230 V module 1 **7712** 22 possible. For drive and adapter selection, see the selection table on pages 258-259.	**24 V/AC/DC**	1 **7712** 32	**1**	

Three-port mixing valve 2137 rotary drive

	**HERZ rotary drive for HERZ mixer 2137** Supply voltage 230 V AC Control: 2-point or 3-point, disengageable gearbox for positioning of the mixing valve and for manual adjustment, synchronous motor with control and shutoff electronics. Torque 10 Nm, operating time 120 s Protection class IP 54. Suitable for all installation orientations.	**230 V/AC**	1 **7712** 25	**1**	
	HERZ rotary drive for HERZ mixer 2137 Supply voltage 24 V AC/DC Control: 2-point, 3-point or continuous Operating range continuous 0-10 V, disengageable gearbox for positioning of the mixing valve and for manual adjustment, synchronous motor with control and shutoff electronics. Torque 10 Nm, operating time 35/60/120 s. Characteristic graph type configurable on the drive, protection class IP 54. Suitable for all installation orientations.	**24 V/AC/DC**	1 **7712** 27	**1**	

Two-port regulating ball valve 2117 rotary drive

Model		Operating voltage	Order number	Sale Unit	€
	**Rotary drive** for HERZ-regulating ball valves without operation **2117**. Supply voltage 230 V AC, Control: 2-point or 3-point, disengageable gearbox for positioning of the ball valve and for manual adjustment, synchronous motor with control and shutoff electronics; Torque 8 Nm, operating time 120 s; Protection class IP 54. Installation vertical to horizontal, non-suspended.	**230 V/AC**	1 **7712** 33	**1**	
	Rotary drive for HERZ-regulating ball valves without operation **2117**. Supply voltage 24 V AC/DC, Control: 2-point, 3-point or continuous. Operating range continuous 0-10 V, disengageable gearbox for positioning of the ball valve and for manual adjustment, synchronous motor with control and shutoff electronics; Torque 8 Nm, operating time 35/60/120 s; Characteristic graph type configurable on the drive, protection class IP 54. Installation vertical to horizontal, non-suspended.	**24 V/AC/DC**	1 **7712** 35	**1**	

Motor actuator for 2-point control

Model		Operating voltage	Order number	Sale Unit	€
	HERZ Motor actuator for 2-point control for 3-way diverting valve Torque 5 Nm, nominal voltage 230 V, operating time of motor 12 s / 90 °, degree of protection IP42, manual adjustment with push button, connection cable 1 m, power consumption in operation 2.5 - 5 W.	**230 V**	1 **7711** 60	**1**	
	**HERZ Motor actuator for 2-point control for 3-way diverting valve** Torque 5 Nm, nominal voltage 230 V, operating time of motor 12 s / 90 °, degree of protection IP42, manual adjustment with push button, adjustable auxiliary switch, connection cable 1 m, power consumption in operation 2.5 - 5 W.	**230 V**	1 **7711** 61	**1**	
	HERZ Motor actuator for 2-point control for 3-way diverting valve Torque 5 Nm, nominal voltage 24 V AC / DC, operating time of motor 12 s / 90 °, degree of protection IP42, manual adjustment with push button, connection cable 1 m, power consumption in operation 2.5 - 5 W.	**24 V AC / DC**	1 **7711** 62	**1**	
	HERZ Motor actuator for 2-point control for 3-way diverting valve Torque 5 Nm, nominal voltage 24 V AC / DC, operating time of motor 12 s / 90 °, degree of protection IP42, manual adjustment with push button, adjustable auxiliary switch, connection cable 1 m, power consumption in operation 2.5 - 5 W.	**24 V AC / DC**	1 **7711** 63	**1**	

Room temperature regulation and radio receiver 868 MHz

Model		Operating voltage	Order number	Sale Unit	€
	**Digital wireless control system** Room temperature controller (transmitter) with digital display of the room temperature and operating mode, transmitter-receiver-operation with coded transmission signal, with nine fixed and four variable week programs. Switch for manual/automatic mode for heating/night lowering/off/ECO, LCD display, LED operating display on the receiver for heating. Transmitter: Battery operation 2 x 1.5 V, AAA LR03 (batteries included), battery lifespan approx. two years, setting range 0 °C to 35 °C Frequency 868 MHz Including device holder for free-standing installation. Signal range (free field) 100 m Protection class IP 30 Receiver: Power supply 230 V /10 A. Protection class IP 20	**230 V/AC**	3 **F799** 06	**1**	
	**Analogue wireless control system** Room temperature controller (transmitter) with analogue display and receiver with coded transmission signal. Switch for comfort mode/off. LED operating display for heating. Transmitter: Battery operation 2 x 1.5 V, AAA LR03 (batteries included), battery lifespan approx. two years, setting range 0 °C to 35 °C Frequency 868 MHz Signal range (free field) 100 m Protection class IP 30 Receiver: Power supply 230 V /10 A. Protection class IP 20 Switch for comfort mode (heating) or off.	**230 V/AC**	3 **F799** 04	**1**	

Room temperature controllers

Model		Operating voltage	Order number	Sale Unit	€
	**Mechanical room thermostat, without timer,** analogue setting of room temperature setpoint 5°C to 30°C, 230 V~, 50 Hz. Output: two or three contacts (changeover), 230 V~, 10 (3) A protection class IP 30.	**230 V/AC**	3 **F791** 00	**1**	

Electronic room temperature controller for 2-point or pulse control with timer

	**Digital thermostat with 7 day program** Setting range for day and night temperature 5 °C to 37 °C Five fixed and four variable programs for the user Operation with batteries 2 x 1.5 V AAA LR03 (batteries included), Switching difference: PWM 2 K/10 min. or Hysteresis 0.5 K Switching contact: Potential free, 3A (230 VAC) Flush-mounted box necessary.	**2 x 1.5 V**	1 **7795** 01	**1**	

Room temperature control

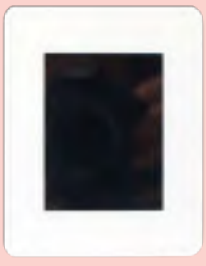
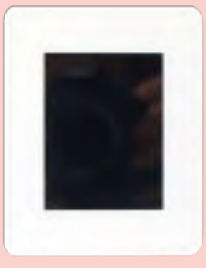
Model		Operating voltage	Order number	Sale Unit	€
	**Electronic room thermostat** Heating, lowering, freeze protection function Setting range 10°C to 28°C, switching differential 0.5 K Lowering 2 K; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% relative humidity Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)	**230 V/AC**	3 **F799** 11	**1**	
		24 V/AC	3 **F799** 12	**1**	
	**Electronic room thermostat including cooling** Heating/cooling, lowering, freeze and valve protection function, cooling block Setting range 10°C to 28°C, switching differential 0.5 K Lowering 2 K; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% relative humidity Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)	**230 V/AC**	3 **F799** 13	**1**	
		24 V/AC	3 **F799** 14	**1**	
	**Electronic room thermostat with display** Heating, lowering, freeze protection function Setting range 5°C to 30°C; switching differential 0.2 K Lowering 2K or configurable; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% relative humidity Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)	**230 V/AC**	3 **F799** 15	**1**	
		24 V/AC	3 **F799** 16	**1**	
	**Electronic room thermostat with display incl. cooling** Heating/cooling, lowering, freeze and valve protection function, cooling block, programmable time program Setting range 5°C to 30°C; switching differential 0.2 K Lowering 2K or configurable; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% relative humidity Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)	**230 V/AC**	3 **F799** 17	**1**	
		24 V/AC	3 **F799** 18	**1**	

	**Electrical distributor** Heating and lowering Zones 6; time channels/lowering 2 Ambient temperature: 0°C to 50°C; Ambient humidity: < 80% relative humidity Wall installation or DIN rail Protection class: IP 20 (EN 60529) Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)	**230 V/24 V/AC**	3 **F798** 02	**1**	
	**Electrical distributor incl. cooling** Heating/cooling, lowering and pump control Zones 10; time channels/lowering 2 Ambient temperature: 0°C to 50°C; ambient humidity: < 80% relative humidity Wall installation or DIN rail Protection class: IP 20 (EN 60529) Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)	**230 V/AC**	3 **F798** 03	**1**	
		24 V/AC	3 **F798** 04	**1**	

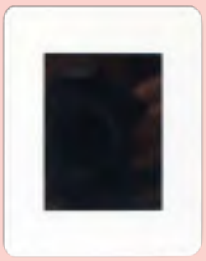
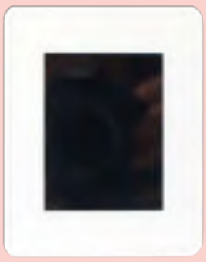
HERZ clever&smart - Control Box

Model		Order number	Sale Unit	€
	**Control Box Heating** Controller for surface heating 8 control areas with up to 4 thermal actuators each 230 V or 24 V (with external power supply), outputs 1 × 230 VAC, 2 × potential-free, 2 x 0-10 V or PWM, 1 × PWM, 1× 24 VDC / max. 12 W, CAN bus private for max. 8 Room Controller, 1-Wire bus for max. 20 temperature sensors and Room Sensors (including max. 8 LEDcontroller), CAN bus building for several residential units, 14 LEDs for status indication, real time clock with power reserve > 24 h, white casing RAL 9003 with transparent cover, dimensions 90 × 303 × 57 mm (h × w × d), protection class IP20, delivery incl. top-hat rail and spare fuses.	3 **F810** 11	**1**	
	**Control Box Clima** Controller for surface heating and cooling, 8 control areas with up to 4 thermal actuators each 230 V or 24 V (with external power supply), outputs 1 × 230 VAC, 2 × potential-free, 2 × 0-10 V or PWM, 1 × PWM, 1× 24 VDC / max. 12 W, CAN bus private for max. 8 Room Controller, 1-Wire bus for max. 20 temperature sensors and Room Sensors / Room Sensors Clima (including max. 8 LEDcontroller / LEDcontroller Clima), CAN bus building for several residential units, 14 LEDs for status indication, real time clock with power reserve > 24 h, white casing RAL 9003 with transparent cover, dimensions 90 × 303 × 57 mm (h × w × d), protection class IP20, delivery incl. top-hat rail and spare fuses.	3 **F810** 12	**1**	

HERZ clever&smart - Room Controllers

	**Room Controller** Measurement of room temperature, self-explanatory operator guidance with plain text via 2.8" coloured TFT touch display with glass surface, for configuration of the control system (operating modes, heating times, etc.), connection via CAN bus with Control Box Heating, white casing RAL 9003 with glass touch screen, dimensions 95 × 75 × 19 mm (h × w × d), protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, delivery incl. flush box and mounting material.	3 **F810** 21	**1**	
	**Room Controller WiFi** Measurement of room temperature, self-explanatory operator guidance with plain text via 2.8" coloured TFT touch display with glass surface, for configuration of the control system (operating modes, heating times, etc.), connection via CAN bus with Control Box Heating, incl. WLAN module (2,4 GHz) for remote control via HERZ clever&smart App, white casing RAL 9003 with glass touch screen, dimensions 95 × 75 × 19 mm (h × w × d), protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, delivery incl. flush box and mounting material.	3 **F810** 23	**1**	

HERZ clever&smart - Room Controllers

Model		Order number	Sale Unit	€
	**Room Controller Clima** Measurement of room temperature and relative humidity, self-explanatory operator guidance with plain text via 2.8" coloured TFT touch display with glass surface, for configuration of the control system (operating modes, heating times, etc.), outputs 2 × 0-10 V or PWM for additional functions as heat request or air dehumidification, connection via CAN bus with Control Box Clima, white casing RAL 9003 with glass touch screen, dimensions 95 × 75 × 19 mm (h × w × d), protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, delivery incl. flush box and mounting material.	3 **F810** 22	**1**	
	**Room Controller Clima WiFi** Measurement of room temperature and relative humidity, self-explanatory operator guidance with plain text via 2.8" coloured TFT touch display with glass surface, for configuration of the control system (operating modes, heating times, etc.), outputs 2 × 0-10 V or PWM for additional functions as heat request or air dehumidification, connection via CAN bus with Control Box Clima, incl. WLAN module (2,4 GHz) for remote control via HERZ clever&smart App, white casing RAL 9003 with glass touch screen, dimensions 95 × 75 × 19 mm (h × w × d), protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, delivery incl. flush box and mounting material.	3 **F810** 24	**1**	

HERZ clever&smart - LEDcontrollers

	**LEDcontroller** Measurement of room temperature, coloured LED display, operation via three capacitive touch zones, for querying the room temperature and changing the target room temperature, easy commissioning (touch to assign), connection via 1-Wire bus with Control Box Heating or Control Box Clima, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame (3 **F810** 52), delivery incl. mounting ring, without frame.	3 **F810** 31	**1**	

HERZ clever&smart - LEDcontrollers

Model		Order number	Sale Unit	€
	**LEDcontroller WiFi** Measurement of room temperature, coloured LED display, operation via three capacitive touch zones, for querying the room temperature and changing the target room temperature, easy commissioning (touch to assign), incl. WLAN module (2.4 GHz) for communication with Room Controller WiFi or Room Controller Clima WiFi, power supply 230 VAC, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame high (3 **F810** 53), delivery incl. mounting ring, without frame.	3 **F810** 33	**1**	
	**LEDcontroller Clima** Measurement of room temperature, relative humidity, indoor air quality (IAQ) and CO_2-equivalent, coloured LED display with optical signalling of the indoor air quality, operation via three capacitive touch zones, for querying the room temperature, the humidity, the indoor air quality index and the CO_2-equivalent and for changing the target room temperature, easy commissioning (touch to assign), connection via 1-Wire bus with Control Box Clima, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame (3 **F810** 52), delivery incl. mounting ring, without frame.	3 **F810** 32	**1**	
	**LEDcontroller Clima WiFi** Measurement of room temperature, relative humidity, indoor air quality (IAQ) and CO_2-equivalent, coloured LED display with optical signalling of the indoor air quality, operation via three capacitive touch zones, for querying the room temperature, the humidity, the indoor air quality index and the CO_2-equivalent and for changing the target room temperature, easy commissioning (touch to assign), incl. WLAN module (2.4 GHz) for communication with Room Controller Clima WiFi, power supply 230 VAC, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame high (3 **F810** 53), delivery incl. mounting ring, without frame.	3 **F810** 34	**1**	

HERZ clever&smart - Room Sensors

Model		Order number	Sale Unit	€
	**Room Sensor** Measurement of room temperature, capacitive touch zones and optical signalling with coloured LEDs for easy commissioning (touch to assign), connection via 1-Wire bus with Control Box Heating or Control Box Clima, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame (3 **F810** 52), delivery incl. mounting ring, without frame.	3 **F810** 41	**1**	
	**Room Sensor WiFi** Measurement of room temperature, capacitive touch zones and optical signalling with coloured LEDs for easy commissioning (touch to assign), incl. WLAN module (2.4 GHz) for communication with Room Controller WiFi or Room Controller Clima WiFi, power supply 230 VAC, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame high (3 **F810** 53), delivery incl. mounting ring, without frame.	3 **F810** 42	**1**	
	**Room Sensor Clima** Measurement of room temperature and relative humidity, capacitive touch zones and optical signalling with coloured LEDs for easy commissioning (touch to assign), connection via 1-Wire bus with Control Box Clima, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame (3 **F810** 52), delivery incl. mounting ring, without frame.	3 **F810** 43	**1**	
	**Room Sensor Clima WiFi** Measurement of room temperature and relative humidity, capacitive touch zones and optical signalling with coloured LEDs for easy commissioning (touch to assign), incl. WLAN module (2.4 GHz) for communication with Room Controller Clima WiFi, power supply 230 VAC, white casing RAL 9003 with UV protection, dimensions 55 × 55 mm (h × w) suitable for common switch boxes with 55 mm standard insert, protection class IP20, installation on flush box (screw spacing 60 mm) or direct on the wall, for flush mounting use of frames from standard switch ranges or HERZ clever&smart Single frame (3 **F810** 51), for surface mounting use of HERZ clever&smart Set surface frame high (3 **F810** 53), delivery incl. mounting ring, without frame.	3 **F810** 44	**1**	

HERZ clever&smart - Room Sensors

Model		Order number	Sale Unit	€
	**Room Sensor small (It)** Measurement of room temperature, small Italian version integrated in Bticino NT4950, connection via 1-Wire bus with Control Box Heating or Control Box Clima, pure white casing Bticino NT4950, dimensions 21 × 43 mm (w × h) suitable for Italian switch boxes with standard inserts, protection class IP20, installation in flush box for Italian inserts, delivery without flush box and without frame.	3 **F810** 61	**1**	
	**Room Sensor Clima small (It)** Measurement of room temperature and relative humidity, small Italian version integrated in Bticino NT4950, connection via 1-Wire bus with Control Box Clima, pure white casing Bticino NT4950, dimensions 21 × 43 mm (w × h) suitable for Italian switch boxes with standard inserts, protection class IP20, installation in flush box for Italian inserts, delivery without flush box and without frame.	3 **F810** 62	**1**	

HERZ clever&smart - Frames for LEDcontroller and Room Sensors

	**Single frame** White frame RAL 9003 with UV protection, surface matt eroded, for all LEDcontroller and all Room Sensors with 55 × 55 mm in flush box, dimensions 80 × 80 × 11 mm (h × w × d).	3 **F810** 51	**1**	
	**Set surface frame** White frame RAL 9003 with UV protection, surface matt eroded, for surface mounting of all LEDcontroller and all Room Sensors with 55 × 55 mm in 1-Wire version, dimensions 80 × 80 × 20 mm (h × w × d).	3 **F810** 52	**1**	
	**Set surface frame high** White frame RAL 9003 with UV protection, surface matt eroded, for surface mounting of all LEDcontroller and all Room Sensors with 55 × 55 mm in WiFi version, dimensions 80 × 80 × 40 mm (h × w × d).	3 **F810** 53	**1**	

HERZ clever&smart - other Sensors

	**Contact Sensor** Temperature sensor incl. aluminum prism 15 × 20 mm and pipe clamp 32 – 50 mm, measuring range -35 °C – +105 °C, with connection cable 3 × 0.25 mm², length 0.6 m, mounting on pipes, connection via 1-Wire bus with Control Box Heating or Control Box Clima.	3 **F810** 71	**1**	
	**Immersion Sensor** Temperature sensor with stainless steel sleeve Ø6 mm × 50 mm, measuring range -35 °C – +105 °C, with connection cable 3 × 0.25 mm², length 2.0 m, installation in immersion sleeves (not included), connection via 1-Wire bus with Control Box Heating or Control Box Clima.	3 **F810** 72	**1**	
	**Outdoor Sensor** Temperature sensor for measurement of the outdoor temperature, measuring range -50 °C – +105 °C, grey plastic casing, protection class IP65, dimensions 75 × 69 × 44 mm (h × w × d), connection via 1-Wire bus with Control Box Heating or Control Box Clima, cable entry from below, delivery including cable gland and fastening material.	3 **F810** 73	**1**	

HERZ clever&smart - Cable

Model		Order number	Sale Unit	€
	**Cable CAN bus** Shielded bus cable 3 × 2 × 0.22 mm², 200 m cable with 2 cable reels of 100 m each.	3 **F810** 81	**200**	
	**Cable 1-Wire bus** Shielded twisted pair cable 2 × 2 × 0.75 mm², 200 m cable with 2 cable reels of 100 m each.	3 **F810** 82	**200**	

HERZ clever&smart - Sample case

	**Sample case** Fully functional system fully wired in a hard-shell case, consisting of Control Box Clima, Room Controller Clima WiFi, LEDcontroller Clima, Room Sensor Clima and Room Sensor Clima WiFi in a flush-mounted box, with Outdoor Sensor, Contact Sensor and immersion sensor, with Single frame, surface frame and surface frame tall, as well as the necessary cables for the sample case and for Room Sensor Clima WiFi.	3 **F810** 90	**1**	



9

Drinking Water Systems

Circulation temperature limiters

Model		Temperature	DN	Order number	Sale Unit	€
 4011	**HERZ circulation temperature limiter** Thermostatic balancing valve for hot water service water circulation lines with circulating pump, in the form of a proportional regulator without auxiliary power.Inclined body, brass version, body and water-carrying parts of dezincification-resistant special brass. Threaded socket according to ISO 7/1 (Rp), model with two thermostats. **kvs = 0.45 m³/h** The thermostat closes the valve upon reaching the temperature except for a leakage water quantity. Upon reaching the 70°C temperature (legionella prevention), the valve is opened by the second thermostat. Socket x socket, additional compression cone for 15 mm copper pipe, compression adapter 1 **6292** 01 must be ordered separately. **Compliance with ÖNORM B 1921, B 2531 must be ensured during installation.**	**52/70**	**15**	2 **4011** 01	**20**	
		52/70	**20**	2 **4011** 02	**20**	
		55/70	**15**	2 **4011** 11	**20**	
		55/70	**20**	2 **4011** 12	**20**	
		58/70	**15**	2 **4011** 17	**20**	
		58/70	**20**	2 **4011** 18	**20**	

Circulation temperature limiters

Model		kvs	DN	Order number	Sale Unit	€
 4010	**HERZ circulation temperature limiter** Thermostatic balancing valve for drinking water circulation temperature limiting with circulating pump, in the form of a proportional regulator without auxiliary power. Inclined body, brass version, body and water-carrying parts of dezincification-resistant brass. Threaded socket according to ISO 7/1 (Rp). **Factory setting 52°C, secured against over-temperature up to 90°C.** The thermostat element presses the valve cone closed with rising temperature, and with falling temperature the valve cone is opened by an opening spring against the thermostat element. **ÖNORM B 1921, B 2531 must be observed during installation of article 4010.**	**0.4**	**15**	2 **4010** 51	**10**	
		0.4	**20**	2 **4010** 52	**10**	
 4010	**HERZ circulation temperature limiter** HERZ circulation temperature limiter, inclined body in brass version, shutoff and draining possible, with quick test point for pressure transducers for freely-selected arrangement, one hole with sealing cap, body and water-carrying parts of dezincification-resistant brass. Cone, valve seat, shutoff spindle, springs and guide parts of non-rusting chromium-nickel steel. EPDM O-rings of physiologically-safe material. Threaded socket according to ISO 7/1 with ball valve. **ÖNORM B 1921, B 2531 must be observed during installation of article 4010.**	**0.4**	**15**	2 **4010** 41	**10**	
		0.4	**20**	2 **4010** 42	**10**	

Commissioning valve for hydraulic balancing in drinking water systems

Model		kvs	DN	Order number	Sale Unit	€
 4017 MW	**HERZ commissioning valve with metering station for drinking water systems** Commissioning valves with metering station for drinking water systems, inclined body, non-rising spindle – socket x socket, of brass, labelling "DR", brass version – pre-setting lockable and easily reproducible, digital display of the pre-setting level in the hand wheel window – for regulation of lines with the help of differential pressure measurement – threaded sockets on both sides. Spindle sealing via double O-ring – two test points for differential pressure measurement situated on the metering station and installed. Test points in extended design available as accessories. Seals made of physiologically-safe material. Max. operating temperature: 85 °C. Max. operating pressure: 20 bar.	**0.46**	**15 LF**	2 **4017** 00	**10**	
		0.88	**15 MF**	2 **4017** 09	**10**	
		2.00	**15**	2 **4017** 01	**10**	
		3.60	**20**	2 **4017** 02	**10**	
		6.50	**25**	2 **4017** 03	**10**	
		13.30	**32**	2 **4017** 04	**5**	
		18.50	**40**	2 **4017** 05	**5**	
		33.00	**50**	2 **4017** 06	**5**	
 4217 GNW STRÖMAX-GNW	**STRÖMAX-GNW, commissioning valve for differential pressure measurement with straight body, with test points, with equal percentage characteristic graph** Brass version, body of dezincification-resistant brass (DR), socket x socket, rising spindle, spindle sealing via double O-ring, sealing material of physiologically-safe material, equal percentage characteristic graph, 2 test points situated either side of the hand wheel, pre-setting via stroke limitation, display of the pre-setting on the hand wheel shaft, Max. operating temperature: 85 °C. Max. operating pressure: 25 bar. Pre-setting marker 1 **6517** 05 must be ordered separately.	**1.76**	**15**	2 **4217** 71	**1**	
		2.38	**20**	2 **4217** 72	**1**	
		5.24	**25**	2 **4217** 73	**1**	
		8.56	**32**	2 **4217** 74	**1**	
		11.53	**40**	2 **4217** 75	**1**	
		17.16	**50**	2 **4217** 76	**1**	
 4217 GMW	**HERZ variable orifice commissioning valve for drinking water systems, with linear characteristic graph** Brass version of dezincification brass, socket x socket, spindle sealing via double O-ring, Pre-setting via stroke limitation, digital display of the pre-setting level in the hand wheel window. 2 test points situated either side of the handwheel. Seals made of physiologically-safe material. Max. operating temperature: 85 °C. Max. operating pressure: 16 bar.	**0.93**	**15 LF**	2 **4217** 80	**5**	
		3.41	**15 MF**	2 **4217** 89	**5**	
		5.56	**15**	2 **4217** 81	**5**	
		6.40	**20**	2 **4217** 82	**5**	
		9.29	**25**	2 **4217** 83	**3**	
		18.69	**32**	2 **4217** 84	**3**	
		24.39	**40**	2 **4217** 85	**2**	
		34.41	**50**	2 **4217** 86	**1**	

Water flow meter connection valves

Model		min. l/s	DN	Order number	Sale Unit	€
	**HERZ water flow meter fitting according to ÖNORM B 2531** Water flow meter fitting • Stable construction with open galvanized sheet steel bracket • Shutoff valve before the water flow meter • Backflow preventer, shutoff and drainage after the water flow meter • Length compensation for easy water flow meter installation • Union nut on the inlet side can be sealed Max. operating temperature: 85 °C Max. operating pressure: 16 bar	**1.00**	**20**	2 **4126** 62	**1**	
		1.75	**25**	2 **4126** 63	**1**	
		3.00	**32**	2 **4126** 64	**1**	
		4.00	**40**	2 **4126** 65	**1**	
		6.75	**50**	2 **4126** 66	**1**	

Backflow preventer

	**HERZ backflow preventer** Dezincification-resistant brass, brass version, **DN 15 - DN 20:** three holes 1/4", **DN 25 - DN 50:** four holes 1/4", all of which are sealed with a sealing screw 2 **0273** 09. Threaded sockets on both sides according to ISO 7/1. Draining possible, drain valves must be ordered separately. Non-rising spindle, spindle sealing via elastic double O-ring, upper part sealed via O-ring seal in the body. Seals made of physiologically-safe material. Volumetric flow class V_B, valve group I, **according to ÖNORM EN 1213.** Max. operating temperature: 85 °C Max. operating pressure: 16 bar	**0.42**	**15**	2 **4126** 01	**5**	
		1.00	**20**	2 **4126** 02	**5**	
		1.75	**25**	2 **4126** 03	**5**	
		3.00	**32**	2 **4126** 04	**5**	
		4.00	**40**	2 **4126** 05	**1**	
		6.75	**50**	2 **4126** 06	**1**	

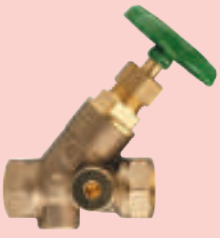
Filling valve

Model		PN	DN	Order number	Sale Unit	€
	**HERZ automatic filling valve** **for filling of heating/cooling system with a presetted system pressure.** Body of forged brass, inclined body, with integrated pressure reducer, ball valve with square SW14, check valve. Pressure gauge 0-10 bar, seal with integrated filter, flat seal and free turning nut connectors MT ½" are included. Temperature range: from 0.5 °C to 70 °C Maximum inlet pressure: 16 bar Regulated pressure range: 1.5-6 bar Stainless steel filter with 0.3 mm mesh size	**16**	**15**	1 **4216** 01	**1**	

Shutoff valves for drinking water systems with non-rising spindle, inclined body

Model		min. l/s	DN	Order number	Sale Unit	€
ÖVGW GEPRÜFT W1.332  4125 AWD STRÖMAX-AWD	**STRÖMAX-AWD shutoff valve with inclined body, Rp (female thread)** Dezincification-resistant brass, brass version, no dead leg **DN 10–50:** **Two holes 1/4** and one sealing screw 2 **0273** 09 screwed on. The hand wheel made of polyamide. **DN 65 and 80:** **Two holes 3/8** and one sealing screw 2 **0273** 00 screwed on. The hand wheel made of steel sheet. * Threaded sockets on both sides according to ISO 7/1. * Draining possible, drain valves must be ordered separately. * Non-rising spindle, spindle sealing via elastic double O-ring, upper part sealed via O-ring seal in the body. * Seals made of physiologically-safe material. * Accessories: 2 **0275** or 2 **0276.** Filling and drain valve must be ordered separately. * Volumetric flow class V_B, valve group I, **according to ÖNORM EN 1213.** **ÖVGW-tested and registered.**	**0.5**	**15**	2 **4125** 71	**5**	
		1.0	**20**	2 **4125** 72	**5**	
		1.75	**25**	2 **4125** 73	**5**	
		3.0	**32**	2 **4125** 74	**5**	
		4.0	**40**	2 **4125** 75	**5**	
		6.75	**50**	2 **4125** 76	**5**	
		11.0	**65**	2 **4125** 77	**1**	
		16.0	**80**	2 **4125** 78	**1**	
ÖVGW GEPRÜFT W1.332  4125 WD STRÖMAX-WD	**STRÖMAX-WD shutoff valve with inclined body, Rp (female thread)** Dezincification-resistant brass, brass version, no dead leg * Threaded sockets on both sides according to ISO 7/1. No draining possible. * Non-rising spindle, spindle sealing via elastic double O-ring, upper part sealed via O-ring seal in the body. * Seals made of physiologically-safe material. * Volumetric flow class V_B, valve group I, **according to ÖNORM EN 1213.** **ÖVGW-tested and registered.**	**0.5**	**15**	2 **4125** 61	**5**	
		1.0	**20**	2 **4125** 62	**5**	
		1.75	**25**	2 **4125** 63	**5**	
		3.0	**32**	2 **4125** 64	**5**	
		4.0	**40**	2 **4125** 65	**5**	
		6.75	**50**	2 **4125** 66	**5**	
		11.0	**65**	2 **4125** 67	**1**	
		16.0	**80**	2 **4125** 68	**1**	

Shutoff valves for drinking water systems with rising spindle, inclined body

ÖVGW GEPRÜFT W1.331  4115 AW STRÖMAX-AW	**STRÖMAX-AW shutoff valve with inclined body with threaded sockets, Rp (female thread)** Dezincification-resistant brass, brass version. **DN 15–50:** **Two holes 1/4** and one sealing screw 2 **0273** 09 screwed on. **DN 65 and 80:** **Two holes 3/8** and one sealing screw 2 **0273** 00 screwed on. * Threaded sockets on both sides according to ISO 7/1. * Draining possible, drain valves must be ordered separately. * The rising valve spindle is securely and durably sealed with a double O-ring. * Seals made of physiologically-safe material. * Accessories: 2 **0275** or 2 **0276.** Filling and drain valve must be ordered separately. * Volumetric flow class V_B, valve group I, **according to ÖNORM EN 1213.** **ÖVGW-tested and registered.**	**0.5**	**15**	2 **4115** 11	**10**	
		1.0	**20**	2 **4115** 12	**10**	
		1.75	**25**	2 **4115** 13	**10**	
		3.0	**32**	2 **4115** 14	**5**	
		4.0	**40**	2 **4115** 15	**5**	
		6.75	**50**	2 **4115** 16	**5**	
		11.0	**65**	2 **4115** 17	**1**	
		16.0	**80**	2 **4115** 18	**1**	
ÖVGW GEPRÜFT W1.331  4115 W STRÖMAX-W	**STRÖMAX-W shutoff valve with inclined body and threaded sockets, Rp (female thread)** Dezincification-resistant brass, brass version. * Threaded sockets on both sides according to ISO 7/1. * The rising valve spindle is securely and durably sealed with a double O-ring. * Seals made of physiologically-safe material. * Volumetric flow class V_B, valve group I, **according to ÖNORM EN 1213.** **ÖVGW-tested and registered.**	**0.25**	**10**	2 **4115** 00	**10**	
		0.5	**15**	2 **4115** 01	**10**	
		1.0	**20**	2 **4115** 02	**10**	
		1.75	**25**	2 **4115** 03	**10**	
		3.0	**32**	2 **4115** 04	**5**	
		4.0	**40**	2 **4115** 05	**5**	
		6.75	**50**	2 **4115** 06	**5**	
		11.0	**65**	2 **4115** 07	**1**	
		16.0	**80**	2 **4115** 08	**1**	

Shutoff valve, straight body

Model		min. l/s	DN	Pipe Ø mm	Order number	Sale Unit	€
ÖVGW GEPRÜFT W1.501  4215 AW	**HERZ straight body shutoff valve, straight model with socket x male thread + soldered screw connection** Drilled on both sides, one plug installed, of dezincification-resistant brass, brass version, no dead leg, seal of physiologically-safe material. Volumetric flow class V_A, ÖNORM EN 1213. Max. operating temperature: 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar. Accessories: 2 **0275** 09. Filling and drain valve must be ordered separately.	**0.20**	**15**	**15**	2 **4215** 11	**10**	
		0.40	**20**	**18**	2 **4215** 12	**10**	
ÖVGW GEPRÜFT W1.501  4215 AW	**HERZ straight body shutoff valve, straight model with male thread x male thread + soldered screw connection** Drilled on both sides, one plug installed, of dezincification-resistant brass, brass version, no dead leg, seal of physiologically-safe material. Volumetric flow class V_A, ÖNORM EN 1213. Max. operating temperature: 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar. Accessories: 2 **0275** 09. Filling and drain valve must be ordered separately.	**0.20**	**15**	**15**	2 **4215** 21	**10**	
		0.40	**20**	**18**	2 **4215** 22	**10**	
		0.70	**25**	**22**	2 **4215** 23	**10**	
ÖVGW GEPRÜFT W1.501  4215 AW	**HERZ straight body shutoff valve, straight model with socket x socket** Drilled on both sides, one plug installed, of dezincification-resistant brass, brass version, no dead leg. Volumetric flow class V_A, ÖNORM EN 1213. Max. operating temperature: 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve 10 bar. Accessories: 2 **0275** 09. Filling and drain valve must be ordered separately.	**0.20**	**15**	**15**	2 **4215** 31	**10**	
		0.40	**20**	**20**	2 **4215** 32	**10**	
		0.70	**25**	**25**	2 **4215** 33	**10**	
		1.20	**32**	**32**	2 **4215** 34	**5**	
		1.60	**40**	**40**	2 **4215** 35	**5**	
		2.70	**50**	**50**	2 **4215** 36	**5**	

Shutoff valve, straight body without draining

ÖVGW GEPRÜFT W1.501  4215 W	**HERZ straight body shutoff valve, straight model with socket x socket without draining** Without hole, of dezincification-resistant brass, brass version, no dead leg. Volumetric flow class V_A, ÖNORM EN 1213 Max. operating temperature 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar.	**0.20**	**15**	**15**	2 **4215** 41	**10**	
		0.40	**20**	**20**	2 **4215** 42	**10**	
		0.70	**25**	**25**	2 **4215** 43	**10**	
		1.20	**32**	**32**	2 **4215** 44	**5**	
		1.60	**40**	**40**	2 **4215** 45	**5**	
		2.70	**50**	**50**	2 **4215** 46	**5**	
ÖVGW GEPRÜFT W1.501  4215 W	**HERZ straight body shutoff valve, straight model with socket x male thread without draining** Without hole, of dezincification-resistant brass, brass version, no dead leg. Volumetric flow class V_A, ÖNORM EN 1213 Max. operating temperature 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar.	**0.20**	**15**	**20**	2 **4215** 61	**10**	

Flush ball valves

Model		PN	Dim.	Order number	Sale Unit	€
	**Flush ball valve without lever, PN 16** Socket x socket. Ball without dead leg. PTFE and EPDM seals, spindle sealing with O-ring, female thread according to ISO 228. Fitting dimensions (pipe axis up to wall surface) DN 15: 25-40 mm, DN 20: 30-45mm. Max. operating temperature: 90 °C (briefly 110 °C).	**16**	**15**	1 **2202** 01	**50**	
		16	**20**	1 **2202** 02	**50**	
	**Flush ball valve with lever, PN 16** Socket x socket. Ball without dead leg. PTFE and EPDM seals, spindle sealing with O-ring, female thread according to ISO 228. Fitting dimensions (pipe axis up to wall surface) DN 15: 25-40 mm, DN 20: 30-45mm. Max. operating temperature: 90 °C (briefly 110 °C).	**16**	**15**	1 **2202** 11	**50**	
		16	**20**	1 **2202** 12	**50**	

Spindle extension for HERZ Flush ball valves

Model		DN	Order number	Sale Unit	€
	**Spindle extension for HERZ Flush ball valves** The spindle extensions allow a deeper installation of the flush ball valves from 55 - 70 mm from the pipe axis to the wall surface. Suitable for 1 **2202** 01/02/11/12.	**15-20**	1 **2201** 97	**1**	

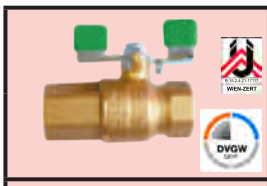
Flush ball valves with press connection

Model		PN	DN	Order number	Sale Unit	€
	**Flush ball valve with lever and press connection, PN 16** With press connection for aluminium composite pipes. Ball without dead leg. Press fitting TH not sealed when not compressed. Max. operating temperature: 85 °C.	**16**	**16 x 2.0**	T **7216** 63	**20**	
			20 x 2.0	T **7220** 63	**20**	
			26 x 3.0	T **7226** 63	**15**	

Ball valves

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with lever handle, PN 25** Socket x socket. Ball without dead leg, with full bore, PTFE and EPDM seals. Spindle sealing with O-ring. Female thread according to ISO 228. Max. operating temperature: 85 °C.	**25**	**15**	2 **2100** 01	**10**	
		25	**20**	2 **2100** 02	**10**	
		25	**25**	2 **2100** 03	**5**	
		25	**32**	2 **2100** 04	**5**	
		25	**40**	2 **2100** 05	**1**	
		25	**50**	2 **2100** 06	**1**	
	**Ball valve with t-handle, PN 25** Socket x socket. Ball without dead leg, with full bore. PTFE and EPDM seals. Spindle sealing with O-ring. Female thread according to ISO 228. Max. operating temperature: 85 °C.	**25**	**15**	2 **2100** 11	**25**	
		25	**20**	2 **2100** 12	**25**	
		25	**25**	2 **2100** 13	**16**	
		25	**32**	2 **2100** 14	**16**	

Ball valves

	**Ball valve with t-handle and backflow preventer, PN 16** Socket x socket. Ball without dead leg. PTFE and EPDM seals, spindle seals with O-ring. Female thread according to ISO 228. Spring-loaded backflow preventer of plastic installed. Max. operating temperature: 85 °C.	**16**	**15**	2 **2110** 01	**10**	
		16	**20**	2 **2110** 02	**10**	
	**Ball valve with lever handle and backflow preventer, PN 16** As above, but model with lever handle. Ball without dead leg.	**16**	**15**	2 **2110** 11	**25**	
		16	**20**	2 **2110** 12	**25**	

Pressure reducers

Model		PN	DN	Order number	Sale Unit	€
	**Membrane pressure reducer** Compact shape, body of dezincification-resistant brass, cap of transparent plastic. Filter key and manometer included. Max. temperature 40 °C, operating pressure to 16 bar, setting range from 1.5 to 6 bar, stainless steel strainer mesh with 0.3 mm mesh width.	**16**	**15**	1 **2682** 11	**1**	
		16	**20**	1 **2682** 12	**1**	
		16	**25**	1 **2682** 13	**1**	
		16	**32**	1 **2682** 14	**1**	
		16	**40**	1 **2682** 15	**1**	
		16	**50**	1 **2682** 16	**1**	
	As above, but with cap of brass, Max. temperature 70 °C.	**16**	**15**	1 **2682** 21	**1**	
		16	**20**	1 **2682** 22	**1**	
		16	**25**	1 **2682** 23	**1**	
		16	**32**	1 **2682** 24	**1**	
		16	**40**	1 **2682** 25	**1**	
		16	**50**	1 **2682** 26	**1**	
	**Filter key** for removing the cap of the membrane pressure reducer			1 **2682** 27	**1**	
	**Replacement filter** for membrane pressure reducer DN 15 - DN 25			1 **2682** 28	**1**	
	As above, but for membrane pressure reducer DN 32 - DN 50. Manufactured as of May 2026.			1 **2682** 48	**1**	
	As above, but for membrane pressure reducer DN 32 - DN 50. Manufactured up to May 2026.			1 **2682** 29	**1**	
	**Plastic cap until 2025** Replacement cap for membrane pressure reducer DN 15 - DN 25. Manufactured up to February 2025.			1 **2682** 30	**1**	
	**Plastic cap from 2025** Replacement cap for membrane pressure reducer DN 15 - DN 25. Manufactured as of February 2025.			1 **2682** 43	**1**	
	**Plastic cap from 2026** Replacement cap for membrane pressure reducer DN 32 - DN 50. Manufactured as of May 2026.			1 **2682** 46	**1**	
	**Brass cap until 2025** Replacement cap for membrane pressure reducer DN 15 - DN 25. Manufactured up to February 2025.			1 **2682** 32	**1**	
	**Brass cap from 2025** Replacement cap for membrane p ressure reducer DN 15 - DN 25. Manufactured as of February 2025.			1 **2682** 44	**1**	

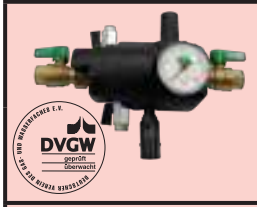
Pressure reducers

Model		Order number	Sale Unit	€
	**Brass cap from 2026** Replacement cap for membrane pressure reducer DN 32 - DN 50. Manufactured as of May 2026.	1 **2682** 47	**1**	
	**Brass cap until 2026** Replacement cap for membrane pressure reducer DN 32 - DN 50. Manufactured up to May 2026.	1 **2682** 33	**1**	
	**Manometer** for the membrane pressure reducer	1 **2682** 34	**1**	

Drain valves

Model		PN	DN	Dim.	Order number	Sale Unit	€
	**Water ball valve with spigot and lever** Forged brass body, nickel-plated, seals of PTFE and NBR. Suitable for use in horticultural, hydro and sanitary systems. Temperature range from 0°C to +85°C.	**16**	**10**	**G ½"**	1 **2503** 01	**10**	
		16	**15**	**G ¾"**	1 **2503** 02	**50**	

System separators

Model		DN	Order number	Sale Unit	€
	**HERZ** system separator combination type BA according to DIN EN 1717, consisting of system separator, test valves and maintenance shutoffs, forged brass body, chrome-plated bar brass test valves. Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.	**15**	I **0303** 01	**1**	
		20	I **0303** 02	**1**	
	**HERZ** system separator refilling combination type BA according to DIN EN 1717, consisting of system separator, test valves and maintenance shutoffs, pressure reducer and manometer, forged brass body, chrome-plated bar brass test valves. Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.	**15**	I **0305** 01	**1**	
		20	I **0305** 02	**1**	
	As above but including black insulation box.	**15**	I **0305** 11	**1**	
		20	I **0305** 12	**1**	
	**HERZ** tap valve with integrated system separator type BA according to DIN EN 1717 for installation above a drain installation or outdoors (garden valve). Forged brass body, chrome-plated, Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.	**1/2" x 3/4"**	I **0300** 01	**1**	
		3/4" x 3/4"	I **0300** 02	**1**	
		3/4" x 1"	I **0300** 12	**1**	
	**HERZ** system separator type BA according to DIN N 1717 for retrofitting of discharge valves even outdoors (garden valve). Strainer mesh to prevent dirt entry, locking screw and protective cap to prevent manipulation. Forged brass body, chrome-plated Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.	**3/4" x 3/4"**	I **0302** 02	**1**	
		1" x 3/4"	I **0302** 03	**1**	
		1" x 1"	I **0302** 13	**1**	

Testing device

	**HERZ** testing device for the functionality of system separators Input pressure up to 10 bar and differential pressure to max. 1.5 bar, incl. plastic case Max. static pressure 25 bar Precision class 2.5.		I **0300** 00	**1**	

Refiller

	**HERZ** heating refilling station, complete, consisting of system separator, pressure reducer, manometer and refilling unit with water flow meter for filling and operation of heating systems according to VDI2035 and ÖNORM H5195. With the mixture of selected ion exchange resins, the water is considerably softened and the pH value is raised to between 8.2 and 8.7 in the alkaline range. However, because corrosive ions such as chloride and sulphate are also removed, lasting corrosion protection is achieved even without chemical inhibitors. Forged brass body, Max. operating pressure 6 bar Temperature max. 65°C.	**15**	I **0321** 01	**1**	
		20	I **0321** 02	**1**	
	**HERZ** refilling cartridge for heating refilling stations.	**–**	I **0321** 10	**1**	
	**HERZ** heating cartridge for the initial filling with threaded connection on both sides.	**3/4"**	I **0322** 00	**1**	

System separators

Model		DN	Order number	Sale Unit	€
	**HERZ system separator** type BA according to DIN EN 1717. The system separator permits protection against non-potable water up to hazard class 4. Three-chamber system separator also for retrofitting into existing standpipes. Connections either FT or MT Nominal pressure PN 10 Max. temperature 65°C, briefly 80°C Medium water. Connections 1½" made of stainless steel, Connections 2" made of brass, stainless steel spring. EPDM or POM seals.	**1½" x 1½" FT x FT**	I **0307** 01	**1**	
		1½" x 1½" FT x MT	I **0307** 02	**1**	
		1½" x 1½" MT x MT	I **0307** 03	**1**	
		1½" x 1½" MT x FT	I **0307** 04	**1**	
		2" x 2" FT x FT	I **0307** 05	**1**	
		2" x 2" FT x MT	I **0307** 06	**1**	
		2" x 2" MT x MT	I **0307** 07	**1**	
		2" x 2" MT x FT	I **0307** 08	**1**	
		1½" x 2" FT x FT	I **0307** 09	**1**	
		1½" x 2" FT x MT	I **0307** 10	**1**	
		1½" x 2" MT x MT	I **0307** 11	**1**	
		1½" x 2" MT x FT	I **0307** 12	**1**	
		2" x 1½" FT x FT	I **0307** 13	**1**	
		2" x 1½" FT x MT	I **0307** 14	**1**	
		2" x 1½" MT x MT	I **0307** 15	**1**	
		2" x 1½" MT x FT	I **0307** 16	**1**	

Water filters

	**HERZ filter for cold water** Rinseable filter for drinking water, brass body, glass fibre-reinforced, transparent plastic cup, stainless steel filter (100 µm), max. operating temperature: 30°C, max. operating pressure: 16 bar, including connections and filter key.	**15**	I **0553** 01	**1**	
		20	I **0553** 02	**1**	
		25	I **0553** 03	**1**	
	**Replacement filter** for water filter I **0553** 0x and I **0554** 0x, stainless steel filter 30 µm.		I **0554** 08	**1**	
	As above, but 100 µm.		I **0554** 09	**1**	

Product Group 6

Water filters

Model		DN	Oder number	Sales Unit	€
	**HERZ filter for cold water** Rinseable filter for drinking water, brass body, transparent plastic cup, filter made from stainless steel (80-100 µm), max. operating temperature: 40 °C, max. operating pressure: 16 bar, including connections and filter key, with connection for manometer G ¼“, Manometer 0-10 bar (1 **2682** 34) must be ordered separately, with thread G ¾“ for pipe connection (eg 1 **6206** 02, must be ordered separately).	**15**	2 **3010** 01	**1**	
		20	2 **3010** 02	**1**	
		25	2 **3010** 03	**1**	
	**HERZ filter for cold water with pressure reducer** Rinseable filter for drinking water, brass body, transparent plastic cup, filter made from stainless steel (80-100 µm), including connections and filter key, with thread G ¾“ for pipe connection (eg 1 **6206** 02, must be ordered separately), Pressure reducer according EN 1567, adjusting range 1.5 – 6 bar, including manometer 0-10 bar, max. operating temperatur 40 °C, max. inlet pressure 16 bar.	**15**	2 **3011** 01	**1**	
		20	2 **3011** 02	**1**	
		25	2 **3011** 03	**1**	
	**Replacement filter** for HERZ filter for cold water DN15 - DN25 (2 **3010** 01, 2 **3010** 02, 2 **3010** 03) and for HERZ filter for cold water with pressure reducer DN15 - DN25 (2 **3011** 01, 2 **3011** 02, 2 **3011** 03)		2 **6301** 00	**1**	
	**Replacement filter cup with drain valve until 2025** for HERZ filter for cold water DN15 - DN25 (2 **3010** 01, 2 **3010** 02, 2 **3010** 03) and for HERZ filter for cold water with pressure reducer DN15 - DN25 (2 **3011** 01, 2 **3011** 02, 2 **3011** 03), manufactured up to February 2025.		2 **6301** 01	**1**	

Product Group 1

Test points

Model		DN	Order number	Sale Unit	€
	**HERZ test point with drain valve for drinking water** Brass version, cap green.	**1/4**	2 **0284** 20	**1**	

Product Group 9

Sanitary safety valve

	**HERZ** safety valve for sanitary systems, forged brass body, response pressure 6 bar, max. temperature 110°C. Connection with female thread.	**15**	I **0132** 04	**1**	
	HERZ safety valve for sanitary systems, forged brass body, response pressure 6 bar, max. temperature 110°C. Connection with male thread.	**15**	I **0132** 14	**1**	

Drinking water mixing valves

Model		DN	Order number	Sale Unit	€
	**HERZ drinking water mixing valve TMV with side mixing outlet** 25 l/min at 3 bar water pressure, minimum water flow 4 l/min. Factory setting 38 °C Setting range 38 – 48 °C +/- 2 K.	**15**	2 **7766** 51	**1**	
	**HERZ drinking water mixing valve TMV 2 with bottom mixing outlet** 42 l/min at 3 bar water pressure, minimum water flow 4 l/min. Factory setting 45 °C Setting range 35 - 50 °C +/- 2 K.	**15**	2 **7766** 54	**1**	

Product Group **6**

HERZ backflow preventer

Model		DN	Order number	Sale Unit	€
	**HERZ backflow preventer** According to EN 1717, safety valve for preventing backflow, backpressure and back suction of contaminated water into buildings, into the supply line or into other system components. Medium water, body and water-carrying parts of dezincification-resistant brass. Operates silently and generates no hydraulic shock (pressure jolts). Two 1/4 openings for inspection.	**20**	1 **2623** 02	**25**	
		25	1 **2623** 03	**25**	
		32	1 **2623** 04	**16**	

Accessories

Model		Dim.	Order number	Sale Unit	€
	**Sealing screw** Brass version, dezincification-resistant brass with O-ring seal and external hex.	**1/4"**	2 **0273** 09	**10**	
		3/8"	2 **0273** 00	**10**	
	**Drain valve** Drain valve with handle, brass version, TW.	**1/4"**	2 **0275** 09	**20**	
		3/8"	2 **0275** 00	**20**	
	**Drain valve** with hose connection, G 3/4, TW cap green, brass version. Hose connection 1 **6206** 01 must be ordered separately.	**1/4"**	2 **0276** 09	**20**	
		3/8"	2 **0276** 00	**20**	
	**Sampling valve** according to ÖNORM B 1921, ISO 19458, DIN 38402, DVGW Worksheet W 551 and VDI 6023 Low-spray Operating pressure max. 16 bar, max. permissible operating temperature 90°C.	**1/4"**	2 **0277** 09	**20**	
		3/8"	2 **0277** 00	**20**	
	Sampling valve As above, but long model for thermally-insulated valves so that the sampling valve is run out of the thermal insulation.	**1/4"**	2 **0277** 19	**20**	
		3/8"	2 **0277** 10	**20**	

Pre-setting key for TMV

	**Pre-setting key for temperature control** **for** 2 **7766** 51.	2 **7766** 80	**1**	

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Product Group **6**

Spare part for ball valves

	**Lever handle for ball valve, green, steel galvanized** Ball valve with backflow preventer 2 **2110** 11/12 (DN 15/DN 20)	1 **6386** 85	**50**	

Upper parts for inclined body valves TW manufactured as of 2004

Model		DN	Order number	Sale Unit	€
	**Upper part** for STRÖMAX-MW and STRÖMAX-RW Commissioning valves with O-ring seal between upper part and body. **4117 MW, 4117 RW**	15	2 **6388** 00	1	
		20	2 **6388** 02	1	
		25	2 **6388** 03	1	
		32	2 **6388** 04	1	
		40	2 **6388** 05	1	
		50	2 **6388** 06	1	

Upper parts for inclined body valves in current design manufactured as of 2004

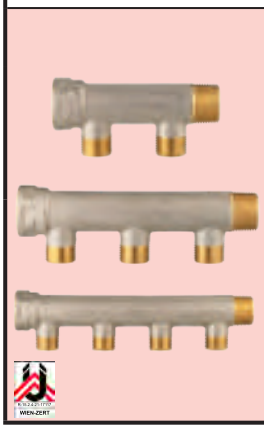
	**Upper part** for STRÖMAX-AW shutoff valves with inclined body, rising spindle. **2 4115 AW, 2 4315 AW**	10	2 **6385** 00	1	
		15	2 **6385** 01	1	
		20	2 **6385** 02	1	
		25	2 **6385** 03	1	
		32	2 **6385** 04	1	
		40	2 **6385** 05	1	
		50	2 **6385** 06	1	
		65	2 **6385** 07	1	
		80	2 **6385** 08	1	
	**Upper part** for STRÖMAX-WD shutoff valves. **4125 WD, 4125 AWD** **4325 D, 4325 AD**	15	2 **6389** 01	1	
		20	2 **6389** 02	1	
		25	2 **6389** 03	1	
		32	2 **6389** 04	1	
		40	2 **6389** 05	1	
		50	2 **6389** 06	1	
		65	2 **6389** 07	1	
		80	2 **6389** 08	1	
	**Upper part** for valve 4215 W, 4215 AW with straight body. **2 4215 W, 2 4215 AW**	15	2 **6387** 51	1	
		20	2 **6387** 52	1	
		25	2 **6387** 53	1	
		32	2 **6387** 54	1	
		40	2 **6387** 55	1	
		50	2 **6387** 56	1	
	**Upper part** for backflow preventer **4126**.	20	2 **6389** 12	1	
		25	2 **6389** 13	1	
		32	2 **6389** 14	1	
		40	2 **6389** 15	1	
		50	2 **6389** 16	1	

Hand wheels

Model		DN	Order number	Sale Unit	€
	**Hand wheel green with fastening screw up to 2011** for STRÖMAX-AWD shutoff valves with inclined body manufactured up to 2011. **2 4125 AWD, 2 4325 AWD.**	15-50	2 **6517** 00	1	
	**Hand wheel green with fastening screw DN65 - DN80** for STRÖMAX-AWD shutoff valves with inclined body. **2 4125 AWD, 2 4325 AWD.**	65, 80	2 **6517** 01	1	
	**Hand wheel green with fastening screw** for valve 4215 W, 4215 AW with straight body. **2 4215 W, 2 4215 AW**	15-20	2 **6520** 01	1	
		25-32	2 **6520** 03	1	
		40-50	2 **6520** 04	1	
	**Hand wheel green with fastening screw, from 2012** for STRÖMAX-AWD shutoff valves with inclined body manufactured as of 2012: **2 4125 AWD, 2 4325 AWD**	15-50	2 **6518** 10	1	
	**Hand wheel up to 2011** green with fastening screw for STRÖMAX-MW commissioning valves with straight body and female thread manufactured up to 2011. **2 4117 MW and 2 4117 RW**	1/2–2	2 **6518** 00	1	
	**Replacement hand wheel green for 4017.**	15-32	2 **6522** 01	1	
		40-50	2 **6522** 02	1	

Model		Square	Ø Hand wheel	Order number	Sale Unit	€
	**Hand wheel** with fastening screw for STRÖMAX-AW shutoff valves with inclined body. **2 4115 AW, 2 4315 AW**	6 mm	50 mm	2 **6519** 00	1	
		7 mm	60 mm	2 **6519** 02	1	
		8 mm	80 mm	2 **6519** 04	1	
		9 mm	80 mm	2 **6519** 06	1	
		14 mm	160 mm	2 **6519** 07	1	
	Hand wheel with fastening screw for STRÖMAX-AW shutoff valves with inclined body. **2 4115 AW, 2 4315 AW**	6 mm	60 mm	2 **6519** 11	1	
		7 mm	70 mm	2 **6519** 12	1	
		7 mm	88 mm	2 **6519** 13	1	
		10 mm	130 mm	2 **6519** 17	1	

Compact distributor for sanitary installations, DN 20 (3/4)

Model		Dim.	Order number	Sale Unit	€
	**HERZ compact distributor** of dezincification-resistant brass according to DVGW-AB W 534. Externally nickel-plated. Trunk DN 20, branches with male thread G 1/2 and cone, 50 mm pipe mean dimension.	**with two branches**	2 **8451** 22	**1**	
		with three branches	2 **8451** 23	**1**	
		with four branches	2 **8451** 24	**1**	
	HERZ compact distributor, of dezincification-resistant brass according to DVGW-AB W 534. Externally nickel-plated. Trunk DN 20, branches with male thread G 3/4 and cone, 50 mm pipe mean dimension.	**with two branches**	2 **8451** 32	**1**	

Accessories

Model		Order number	Sale Unit	€
	**Distributor mount for installation of the distributor in a cabinet** 1 pair Bar spacing 200 mm for compact distributor 2 **8451**.	1 **8422** 20	**1**	

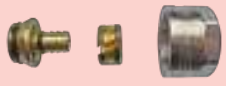
Product Group 6

HERZ - Sanitary water distributor

Model		PN	DN	Dim.	Order number	Sale Unit	€
	**Sanitary water distributor** Body of forged brass according to UBA / 4MS-List. Insert: male thread G ¾" and female thread G ¾" for DN20 and Insert: male thread G 1" and female thread G 1" for DN25, exit: male thread ¾" euro cone, combination of different sanitary distributors without additional sealing or glue is possible. Cap with blind plug. G ¾" 1 **6319** 22 or cap G ¾" 1 **6319** 23. Max. operating pressure: 10 bar, min. operating temperature: 0 °C (water 0.5 °C), max. operating temperature: 110 °C.	**10**	**20**	**2x**	2 **8530** 02	**25**	
		10	**20**	**3x**	2 **8530** 03	**12**	
		10	**20**	**4x**	2 **8530** 04	**12**	
		10	**25**	**4x**	2 **8530** 14	**12**	
		10	**25**	**5x**	2 **8530** 15	**12**	

Product Group 1

Accessories

Model		Dim.	Order number	Sale Unit	€
	**Blind plug G 3/4"** for sanitary water distributor 8530, incl. O-ring	**G 3/4"**	1 **6319** 22	**50**	
	**Cap G 3/4"** for sanitary water distributor 8530, incl. flat seal	**G 3/4"**	1 **6319** 23	**20**	
	**Plastic pipe connection** for pipes made of PE-X and PB and aluminium composite pipes, suitable for drinking water and hot water devices.	**G 3/4" - 16 x 2**	1 **6095** 01	**100**	
		G 3/4" - 20 x 2	1 **6095** 02	**100**	
		G 3/4" - 26 x 3	1 **6095** 03	**50**	
		G 1" - 26 x 3	1 **6095** 04	**100**	
	Compression adapter for copper pipes	**G 3/4" - 18**	1 **6276** 18	**10**	

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with freely-rotating union nut, with T-handle straight version (Silumin), PN 25** Socket x union nut flat-sealing. Body of forged brass. Brass ball, chrome-plated, with full bore. PTFE seals, spindle seal with O-ring. Female thread according to ISO 228. Max. operating temperature: 85 °C.	**25**	**20**	1 **2221** 03	**25**	
		25	**25**	1 **2221** 04	**16**	
	**Ball valve with freely-rotating union nut, with T-handle angle version (Silumin), PN 25** Socket x union nut flat-sealing. Body of forged brass. Brass ball, chrome-plated, with full bore. PTFE seals, spindle seal with O-ring. Female thread according to ISO 228. Max. operating temperature: 85 °C.	**25**	**20**	1 **2224** 23	**25**	
		25	**25**	1 **2224** 24	**16**	



10

PIPEFIX

Pipes for HERZ-PIPEFIX
Composite pipe PE-RT
HT

Model		Aluminium wall thickness (mm)	Diameter wall thickness (mm)	Order number	Reel (m)	Sales Unit Pallet (m)	€
	**Pipe bundle** HERZ plastic-aluminium composite pipe PE-RT/Al/PE-RT, multi-layer pipe for complex installation requirements in heating, air-conditioning and sanitary installations. System-tested with HERZ-PIPEFIX press fittings or screw connections. Delivered as pipe bundle.	**0.4**	**16 x 2**	3 **C160** 20	**200**	**3000**	
		0.4	**20 x 2**	3 **C200** 20	**100**	**1500**	
		0.5	**26 x 3**	3 **C260** 30	**50**	**750**	
		0.5	**32 x 3**	3 **C320** 30	**50**	**600**	
		0.5	**40 x 3.5**	3 **C400** 30	**25**	**300**	

Composite pipe PE-RT
FH, HTS

Model		Aluminium wall thickness (mm)	Diameter wall thickness (mm)	Order number	Reel (m)	Sales Unit Pallet (m)	€
	**Pipe bundle** HERZ plastic-aluminium composite pipe PE-RT/Al/PE-RT, multi-layer pipe for complex installation requirements in heating, air-conditioning and sanitary installations. System-tested with HERZ-PIPEFIX press fittings or screw connections. Delivered as pipe bundle.	**0.2**	**10 x 1.3**	3 **C101** 30	**250**	**3500**	
		0.2	**16 x 2**	3 **D160** 20	**200**	**3000**	
		0.25	**20 x 2**	3 **C200** 30	**100**	**1500**	
		0.35	**26 x 3**	3 **C260** 40	**50**	**750**	

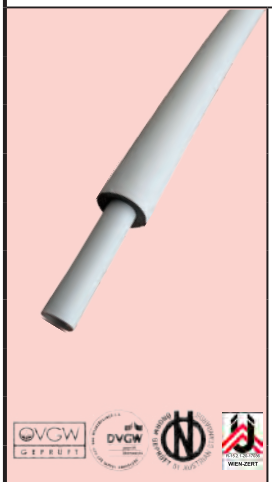
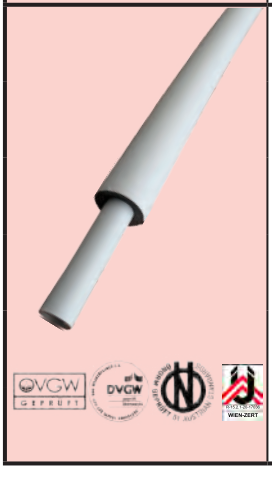
Composite pipe PE-RT
HT

Model		Aluminium wall thickness (mm)	Diameter wall thickness (mm)	Order number	Pipe (m)	Sales Unit Pallet (m)	€
	**Straight pipes** HERZ plastic-aluminium composite pipe PE-RT/Al/PE-RT, multi-layer pipe for complex installation requirements in heating, air-conditioning and sanitary installations. System-tested with HERZ-PIPEFIX press fittings or screw connections. Delivered as straight pipes.	**0.4**	**16 x 2**	3 **C160** 34	**5**	**6240**	
		0.4	**20 x 2**	3 **C200** 34	**5**	**3900**	
		0.5	**26 x 3**	3 **C260** 35	**5**	**2340**	
		0.5	**32 x 3**	3 **C320** 35	**5**	**1300**	
		0.5	**40 x 3.5**	3 **C400** 36	**5**	**780**	
		0.6	**50 x 4**	3 **C500** 40	**5**	**450**	
		0.8	**63 x 4.5**	3 **C630** 45	**5**	**415**	
		0.8	**75 x 5**	3 **C750** 50	**5**	**1500**	

Composite pipe PE-RT
HTS

Model		Aluminuim wall thickness (mm)	Diameter wall thickness (mm)	Order number	Pipe (m)	Sales Unit Pallet (m)	€
	**Straight pipes** HERZ plastic-aluminium composite pipe PE-RT/Al/PE-RT, multi-layer pipe for complex installation requirements in heating, air-conditioning and sanitary installations. System-tested with HERZ-PIPEFIX press fittings or screw connections. Delivered as straight pipes.	**0.2**	**16 x 2**	3 **C160** 46	**5**	**6240**	
		0.25	**20 x 2**	3 **C200** 38	**5**	**3900**	
		0.35	**26 x 3**	3 **C260** 39	**5**	**2340**	

Composite pipe PE-RT HT/HTS with thermal insulation

Model		Insulation thickness (mm)	Al wall thickness (mm)	Diameter wall thickness (mm)	Order number	Reel (m)	Sales Unit Pallet (m)	€
	**Pipe bundle** Heating and sanitary pipes with thermal insulation of PE-LD foam and film of PP. Thermal conductivity 0.04 W/mK according to DIN EN 8497, fire behaviour Cls1d0 (13 mm: Dls1d0) according to EN 13501-1, CFC- and HCFC-free, water vapour diffusion coefficient μ ≥ 7.000 according to EN 13469. External shell white, labelling black.	6	0.4	16 x 2	3 **C160** 06	100	800	
		6	0.4	20 x 2	3 **C200** 06	50	550	
		6	0.5	26 x 3	3 **C260** 06	50	300	
		6	0.5	32 x 3	3 **C320** 06	25	125	
		9	0.4	16 x 2	3 **C160** 09	100	600	
		9	0.4	20 x 2	3 **C200** 09	50	550	
		9	0.5	26 x 3	3 **C260** 09	50	450	
		9	0.5	32 x 3	3 **C320** 09	25	125	
		13	0.2	16 x 2	3 **D160** 13	50	350	
		13	0.25	20 x 2	3 **D200** 13	50	250	
		13	0.35	26 x 3	3 **D260** 13	25	125	
	**Pipe bundle** Heating and sanitary pipes with thermal insulation of PE-LD foam and film of PP., with reduced aluminium layer thickness, thermal conductivity 0.04 W/mK according to DIN EN 8497, fire behaviour Cls1d0 (13 mm: Dls1d0) according to EN 13501-1, CFC- and HCFC-free. Water vapour diffusion coefficient μ ≥ 7.000 according to EN 13469. External shell white, labelling black.	6	0.2	16 x 2	3 **D160** 06	100	800	
		6	0.25	20 x 2	3 **D200** 06	50	550	
		6	0.35	26 x 3	3 **D260** 06	50	300	
		9	0.2	16 x 2	3 **C160** 09	100	600	
		9	0.25	20 x 2	3 **D200** 09	50	550	
		9	0.35	26 x 3	3 **D260** 09	50	450	

Composite pipe PE-RT HT in protective conduit

Model		Aluminuim wall thickness (mm)	Diameter wall thickness (mm)	Order number	Reel (m)	Sales Unit Pallet (m)	€
	**Pipe bundle** Heating and sanitary pipes in black plastic protective conduit.	0.4	16 x 2	3 **C160** 33	50	600	
		0.4	20 x 2	3 **C200** 33	50	600	

Composite pipe PE-RT in protective conduit

Model		Aluminuim wall thickness (mm)	Diameter wall thickness (mm)	Order number	Reel (m)	Sales Unit Pallet (m)	€
	**Pipe bundle** Heating and sanitary pipes in black plastic protective conduit.	0.2	16 x 2	3 **C160** 42	50	600	
		0.25	20 x 2	3 **C200** 40	50	600	

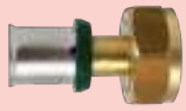
Pipes for floor heating
HERZ-Line PE-RT 5-layered pipe

Model		Diameter wall thickness	Order number	Sale Unit	€
	**HERZ-LINE PE-RT 5-layered pipe** High-safety pipe, impermeable to oxygen due to EVOH layer according to DIN 4726, PE-RT external sheath for protection of the EVOH oxygen barrier layer against mechanical damage. Manufactured according to EN ISO 21003. Colour: Red.	**16 x 2**	U **1622** 40	**240 linear m**	
			U **1624** 80	**480 linear m**	
			U **1626** 00	**600 linear m**	
		17 x 2	U **1722** 40	**240 linear m**	
			U **1724** 80	**480 linear m**	
			U **1726** 00	**600 linear m**	
		18 x 2	U **1822** 40	**240 linear m**	
			U **1824** 80	**480 linear m**	
		20 x 2	U **2022** 40	**240 linear m**	
			U **2024** 80	**480 linear m**	

Press fittings for HERZ-PIPEFIX

Press fittings with article number T xxxx xx are made of dezincification-resistant and drinking water-hygienic brass, double O-ring of EPDM according to KTW/UBA, stainless steel sleeve, plastic ring green for centering the sleeve.
The brass quality corresponds to the relevant standards for drinking water installations, such as EN1213, ÖNORM B 5014-3 and ÖNORM B 5024-3, as well as DIN 50930, Part 6 and TRV.
Press fittings for article number P xxxx xx are made of brass for heating and cold water in room climate control systems, double O-ring of EPDM, stainless steel sleeve, plastic ring white for centring the sleeve.
Operating temperature to 95°C, max. operating pressure 10 bar. Dimensions 16 - 40 not sealed when not compressed.

Press fittings for HERZ-PIPEFIX
Junction press fitting screw connection, flat-sealing

Model		Order number	Sale Unit	€
	16 x 2 – G 3/4	T **7016** 41	**150**	
	20 x 2 – G 3/4	T **7020** 41	**150**	
	16 x 2 – G 1	T **7016** 42	**100**	
	20 x 2 – G 1	T **7020** 42	**100**	
	26 x 3 – G 1	T **7026** 42	**80**	
	26 x 3 – G 1¼	T **7026** 43	**50**	
	32 x 3 – G 1¼	T **7032** 43	**40**	
	40 x 3.5 – G 1¼	T **7040** 43	**30**	
	32 x 3 – G 1½	T **7032** 44	**40**	
	40 x 3.5 – G 1½	T **7040** 44	**30**	
	50 x 4 – G 1½	T **7050** 44	**16**	
	40 x 3.5 – G 2	T **7040** 45	**20**	
	50 x 4 – G 2	T **7050** 45	**16**	

Press fittings
Screw connection with cone

Model		Dim.	Order number	Sale Unit	€
	Nickel-plated, not suitable for drinking water	**16 x 2 – M 22 x 1.5**	P **7016** 86	**120**	
		16 x 2 – G 1/2	P **7016** 90	**120**	
		20 x 2 – G 1/2	P **7020** 90	**120**	
		16 x 2 – G 3/4	P **7016** 82	**120**	
		20 x 2 – G 3/4	P **7020** 82	**120**	
	Unfinished	**16 x 2 – G 3/4**	T **7016** 81	**120**	
		20 x 2 – G 3/4	T **7020** 81	**120**	

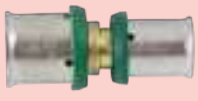
Angle screw connection

Model		Dim.	Order number	Sale Unit	€
	Angle screw connection for HERZ-3000, not suitable for drinking water	**16 x 2 – G 3/4**	P **7116** 14	**100**	
		20 x 2 – G 3/4	P **7120** 14	**100**	

Press fittings
Coupling

Model		Order number	Sale Unit	€
	16 x 2 – 16 x 2	T **7016** 00	**150**	
	20 x 2 – 20 x 2	T **7020** 00	**120**	
	26 x 3 – 26 x 3	T **7026** 00	**80**	
	32 x 3 – 32 x 3	T **7032** 00	**50**	
	40 x 3.5 – 40 x 3.5	T **7040** 00	**30**	
	50 x 4 – 50 x 4	T **7050** 00	**20**	
	63 x 4.5 – 63 x 4.5	T **7063** 00	**10**	
	75 x 5 – 75 x 5	T **7075** 00	**8**	

Reduction

Model		Order number	Sale Unit	€
	20 x 2 – 16 x 2	T **7020** 01	**150**	
	26 x 3 – 16 x 2	T **7026** 01	**80**	
	26 x 3 – 20 x 2	T **7026** 02	**80**	
	32 x 3 – 16 x 2	T **7032** 01	**60**	
	32 x 3 – 20 x 2	T **7032** 02	**60**	
	32 x 3 – 26 x 3	T **7032** 06	**60**	
	40 x 3.5 – 26 x 3	T **7040** 02	**40**	
	40 x 3.5 – 32 x 3	T **7040** 03	**40**	
	50 x 4 – 26 x 3	T **7050** 01	**20**	
	50 x 4 – 32 x 3	T **7050** 02	**20**	
	50 x 4 – 40 x 3.5	T **7050** 03	**20**	
	63 x 4.5 – 26 x 3	T **7063** 01	**10**	
	63 x 4.5 – 32 x 3	T **7063** 02	**10**	
	63 x 4.5 – 40 x 3.5	T **7063** 03	**10**	
	63 x 4.5 – 50 x 4	T **7063** 04	**10**	
	75 x 5 – 50 x 4	T **7075** 02	**8**	
	75 x 5 – 63 x 4.5	T **7075** 01	**8**	

Press fittings
T-piece

Model	Order number	Sale Unit	€
16 x 2 – 16 x 2 – 16 x 2	T **7216** 00	**60**	
16 x 2 – 20 x 2 – 16 x 2	T **7216** 03	**50**	
20 x 2 – 20 x 2 – 20 x 2	T **7220** 00	**50**	
20 x 2 – 16 x 2 – 16 x 2	T **7220** 03	**50**	
20 x 2 – 16 x 2 – 20 x 2	T **7220** 01	**50**	
20 x 2 – 20 x 2 – 16 x 2	T **7220** 08	**50**	
20 x 2 – 26 x 3 – 20 x 2	T **7220** 06	**30**	
26 x 3 – 26 x 3 – 26 x 3	T **7226** 00	**30**	
26 x 3 – 20 x 2 – 16 x 2	T **7226** 13	**30**	
26 x 3 – 20 x 2 – 20 x 2	T **7226** 14	**30**	
26 x 3 – 26 x 3 – 16 x 2	T **7226** 16	**30**	
26 x 3 – 26 x 3 – 20 x 2	T **7226** 15	**30**	
26 x 3 – 16 x 2 – 26 x 3	T **7226** 03	**30**	
26 x 3 – 20 x 2 – 26 x 3	T **7226** 05	**30**	
26 x 3 – 32 x 3 – 26 x 3	T **7226** 17	**30**	
32 x 3 – 32 x 3 – 32 x 3	T **7232** 00	**25**	
32 x 3 – 16 x 2 – 32 x 3	T **7232** 01	**25**	
32 x 3 – 20 x 2 – 26 x 3	T **7232** 11	**25**	
32 x 3 – 20 x 2 – 32 x 3	T **7232** 04	**25**	
32 x 3 – 26 x 3 – 26 x 3	T **7232** 09	**25**	
32 x 3 – 26 x 3 – 32 x 3	T **7232** 07	**25**	
32 x 3 – 32 x 3 – 20 x 2	T **7232** 15	**25**	
32 x 3 – 32 x 3 – 26 x 3	T **7232** 14	**25**	
32 x 3 – 40 x 3.5 – 32 x 3	T **7232** 10	**20**	
40 x 3.5 – 40 x 3.5 – 40 x 3.5	T **7240** 00	**15**	
40 x 3.5 – 26 x 3 – 32 x 3	T **7240** 06	**15**	
40 x 3.5 – 26 x 3 – 40 x 3.5	T **7240** 02	**15**	
40 x 3.5 – 32 x 3 – 32 x 3	T **7240** 04	**15**	



Press fittings
T-piece

Model		Order number	Sale Unit	€
	40 x 3.5 – 32 x 3 – 40 x 3.5	T **7240** 03	**15**	
	40 x 3.5 – 40 x 3.5 – 26 x 3	T **7240** 07	**15**	
	40 x 3.5 – 40 x 3.5 – 32 x 3	T **7240** 08	**15**	
	40 x 3.5 – 50 x 4 – 40 x 3.5	T **7240** 12	**10**	
	50 x 4 – 50 x 4 – 50 x 4	T **7250** 00	**8**	
	50 x 4 – 26 x 3 – 50 x 4	T **7250** 03	**10**	
	50 x 4 – 32 x 3 – 40 x 3.5	T **7250** 06	**10**	
	50 x 4 – 32 x 3 – 50 x 4	T **7250** 01	**10**	
	50 x 4 – 40 x 3.5 – 40 x 3.5	T **7250** 05	**10**	
	50 x 4 – 40 x 3.5 – 50 x 4	T **7250** 02	**8**	
	50 x 4 – 50 x 4 – 32 x 3	T **7250** 07	**10**	
	50 x 4 – 50 x 4 – 40 x 3.5	T **7250** 08	**8**	
	63 x 4.5 – 63 x 4.5 – 63 x 4.5	T **7263** 00	**4**	
	63 x 4.5 – 40 x 3.5 – 63 x 4.5	T **7263** 01	**6**	
	63 x 4.5 – 50 x 4 – 63 x 4.5	T **7263** 02	**6**	
	63 x 4.5 – 32 x 3 – 63 x 4.5	T **7263** 03	**6**	
	63 x 4.5 – 40 x 3.5 – 50 x 4	T **7263** 04	**6**	
	63 x 4.5 – 50 x 4 – 50 x 4	T **7263** 05	**6**	
	63 x 4.5 – 63 x 4.5 – 40 x 3.5	T **7263** 06	**6**	
	63 x 4.5 – 63 x 4.5 – 50 x 4	T **7263** 07	**6**	
	75 x 5 – 75 x 5 – 75 x 5	T **7275** 00	**2**	

Press fittings
Angle 90°

Model		Order number	Sale Unit	€
	16 x 2 – 16 x 2	T **7116** 00	**150**	
	20 x 2 – 20 x 2	T **7120** 00	**100**	
	26 x 3 – 26 x 3	T **7126** 00	**50**	
	32 x 3 – 32 x 3	T **7132** 00	**30**	
	40 x 3.5 – 40 x 3.5	T **7140** 00	**25**	
	50 x 4 – 50 x 4	T **7150** 00	**10**	
	63 x 4.5 – 63 x 4.5	T **7163** 00	**8**	
	75 x 5 – 75 x 5	T **7175** 00	**4**	

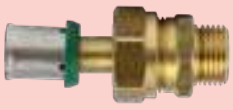
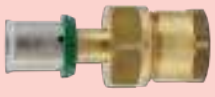
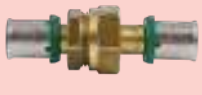
Angle 45 °

Model		Order number	Sale Unit	€
	26 x 3 - 26 x 3	T **7126** 01	**50**	
	32 x 3 - 32 x 3	T **7132** 01	**30**	
	40 x 3.5 - 40 x 3.5	T **7140** 01	**25**	
	50 x 4 - 50 x 4	T **7150** 01	**10**	
	63 x 4.5 - 63 x 4.5	T **7163** 01	**6**	

Press fittings
Angle screw connection

Model		Dim.	Order number	Sale Unit	€
	Angle screw connection with MT.	**16 x 2 – 1/2 MT**	T **7116** 71	**50**	
		20 x 2 – 1/2 MT	T **7120** 71	**40**	
		20 x 2 – 3/4 MT	T **7120** 72	**40**	
		26 x 3 – 1 MT	T **7126** 73	**30**	
		32 x 3 – 1¼ MT	T **7132** 74	**20**	
	Angle screw connection with FT.	**16 x 2 – 3/4 FT**	T **7116** 81	**50**	
		20 x 2 – 1/2 FT	T **7120** 81	**40**	
		20 x 2 – 3/4 FT	T **7120** 82	**30**	
		26 x 3 – 1 FT	T **7126** 83	**20**	
		32 x 3 – 1¼ FT	T **7132** 84	**10**	

Press fittings
Press coupling

Model		Dim.	Order number	Sale Unit	€
	Press fitting screw connection with MT flat-sealing.	**16 x 2 – 1/2 MT**	T **7016** 61	**80**	
		20 x 2 – 1/2 AG	T **7020** 61	**80**	
		16 x 2 – 3/4 MT	T **7016** 62	**80**	
		20 x 2 – 3/4 MT	T **7020** 62	**70**	
		26 x 3 – 3/4 MT	T **7026** 62	**50**	
		26 x 3 – 1 MT	T **7026** 63	**40**	
		32 x 3 – 1 MT	T **7032** 63	**40**	
		40 x 3.5 – 1¼ MT	T **7040** 64	**20**	
		50 x 4 – 1½ MT	T **7050** 65	**10**	
		63 x 4.5 – 2 MT	T **7063** 66	**6**	
	Press fitting screw connection with FT, flat-sealing.	**16 x 2 – 1/2 FT**	T **7016** 71	**80**	
		20 x 2 – 1/2 FT	T **7020** 71	**80**	
		16 x 2 – 3/4 FT	T **7016** 72	**80**	
		20 x 2 – 3/4 FT	T **7020** 72	**70**	
		26 x 3 – 3/4 FT	T **7026** 72	**50**	
		26 x 3 – 1 FT	T **7026** 73	**40**	
		32 x 3 – 1 FT	T **7032** 73	**30**	
		40 x 3.5 – 1¼ FT	T **7040** 74	**20**	
		50 x 4 – 1½ FT	T **7050** 75	**10**	
		63 x 4.5 – 2 FT	T **7063** 76	**6**	
	Press fitting screw connection coupling, flat-sealing.	**16 x 2 – 3/4**	T **7016** 51	**70**	
		20 x 2 – 3/4	T **7020** 51	**70**	
		26 x 3 – 1	T **7026** 52	**30**	
		32 x 3 – 1¼	T **7032** 53	**20**	
		40 x 3.5 – 1¼	T **7040** 53	**20**	
		50 x 4 – 2	T **7050** 55	**10**	

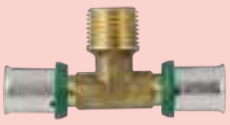
Press fittings
Junction with male thread

Model		Order number	Sale Unit	€
	16 x 2 – R 1/2	T **7016** 11	**150**	
	16 x 2 – R 3/4	T **7016** 12	**150**	
	20 x 2 – R 1/2	T **7020** 11	**150**	
	20 x 2 – R 3/4	T **7020** 12	**120**	
	26 x 3 – R 3/4	T **7026** 12	**80**	
	26 x 3 – R 1	T **7026** 13	**80**	
	32 x 3 – R 3/4	T **7032** 12	**70**	
	32 x 3 – R 1	T **7032** 13	**70**	
	40 x 3.5 – R 1	T **7040** 13	**30**	
	32 x 3 – R 1¼	T **7032** 14	**40**	
	40 x 3.5 – R 1¼	T **7040** 14	**30**	
	50 x 4 – R 1¼	T **7050** 14	**20**	
	50 x 4 – R 1½	T **7050** 15	**20**	
	63 x 4.5 – R 2	T **7063** 16	**10**	
	75 x 5 – R 2	T **7075** 16	**8**	
	75 x 5 – R 2½	T **7075** 18	**8**	

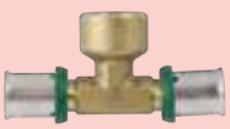
Junction with female thread

Model		Order number	Sale Unit	€
	16 x 2 – Rp 1/2	T **7016** 21	**120**	
	20 x 2 – Rp 1/2	T **7020** 21	**120**	
	20 x 2 – Rp 3/4	T **7020** 22	**100**	
	26 x 3 – Rp 3/4	T **7026** 22	**80**	
	26 x 3 – Rp 1	T **7026** 23	**70**	
	32 x 3 – Rp 1	T **7032** 23	**40**	
	40 x 3.5 – Rp 1	T **7040** 23	**30**	
	32 x 3 – Rp 1¼	T **7032** 24	**30**	
	40 x 3.5 – Rp 1¼	T **7040** 24	**30**	
	50 x 4 – Rp 1¼	T **7050** 24	**20**	
	50 x 4 – Rp 1½	T **7050** 25	**16**	
	63 x 4.5 – Rp 2	T **7063** 26	**10**	

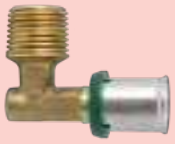
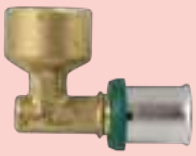
Press fittings
T-pieces with male thread

Model		Order number	Sale Unit	€
	16 x 2 – 1/2 – 16 x 2	T **7216** 51	**60**	
	20 x 2 – 1/2 – 20 x 2	T **7220** 51	**50**	
	26 x 3 – 1/2 – 26 x 3	T **7226** 51	**30**	
	20 x 2 – 3/4 – 20 x 2	T **7220** 52	**50**	
	26 x 3 – 3/4 – 26 x 3	T **7226** 52	**30**	
	32 x 3 – 3/4 – 32 x 3	T **7232** 51	**25**	
	26 x 3 – 1 – 26 x 3	T **7226** 53	**30**	
	32 x 3 – 1 – 32 x 3	T **7232** 52	**25**	
	40 x 3.5 – 1 – 40 x 3.5	T **7240** 52	**15**	
	40 x 3.5 – 1¼ – 40 x 3.5	T **7240** 53	**15**	
	50 x 4 – 1¼ – 50 x 4	T **7250** 53	**10**	
	50 x 4 – 1½ – 50 x 4	T **7250** 54	**8**	
	63 x 4.5 – 2 – 63 x 4.5	T **7263** 55	**4**	

T-pieces with female thread

	16 x 2 – 1/2 – 16 x 2	T **7216** 41	**60**	
	20 x 2 – 1/2 – 20 x 2	T **7220** 41	**50**	
	26 x 3 – 1/2 – 20 x 2	T **7226** 42	**30**	
	26 x 3 – 1/2 – 26 x 3	T **7226** 41	**30**	
	32 x 3 – 1/2 – 32 x 3	T **7232** 43	**25**	
	20 x 2 – 3/4 – 20 x 2	T **7220** 42	**40**	
	26 x 3 – 3/4 – 26 x 3	T **7226** 44	**25**	
	32 x 3 – 3/4 – 32 x 3	T **7232** 41	**25**	
	32 x 3 – 1 – 32 x 3	T **7232** 42	**25**	
	40 x 3.5 – 1 – 40 x 3.5	T **7240** 41	**15**	
	32 x 3 – 1¼ – 32 x 3	T **7232** 44	**20**	
	40 x 3.5 – 1¼ – 40 x 3.5	T **7240** 42	**15**	
	50 x 4 – 1¼ – 50 x 4	T **7250** 42	**6**	
	50 x 4 – 1½ – 50 x 4	T **7250** 43	**6**	
	63 x 4.5 – 2 – 63 x 4.5	T **7263** 44	**4**	

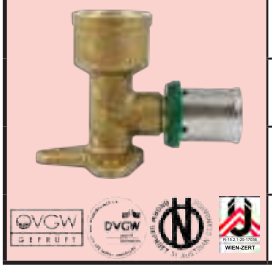
Press fittings
Junction angle

Model		Order number	Sale Unit	€
	16 x 2 – R 1/2	T **7116** 11	**150**	
	20 x 2 – R 1/2	T **7120** 11	**120**	
	20 x 2 – R 3/4	T **7120** 12	**100**	
	26 x 3 – R 3/4	T **7126** 12	**50**	
	32 x 3 – R 1	T **7132** 13	**30**	
	40 x 3.5 – R 1¼	T **7140** 14	**25**	
	50 x 4 – R 1¼	T **7150** 14	**16**	
	63 x 4.5 – R 2	T **7163** 16	**8**	
	16 x 2 – Rp 1/2	T **7116** 21	**120**	
	20 x 2 – Rp 1/2	T **7120** 21	**100**	
	20 x 2 – Rp 3/4	T **7120** 22	**50**	
	26 x 3 – Rp 3/4	T **7126** 22	**50**	
	32 x 3 – Rp 1	T **7132** 23	**30**	
	40 x 3.5 – Rp 1¼	T **7140** 24	**25**	
	50 x 4 – Rp 1¼	T **7150** 24	**16**	
	50 x 4 – Rp 1½	T **7150** 25	**10**	
	63 x 4.5 – Rp 2	T **7163** 26	**8**	

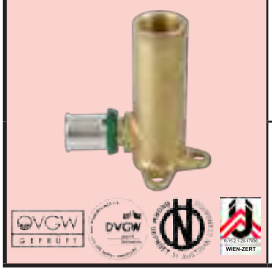
Press fittings
Non-crossing T-piece

Model			Order number	Sale Unit	€
	Non-crossing T-piece Unmounted 6 x connection female thread Rp 1/2 for pipe connection adapter (14–26) 1 **6266** 01 or T **7016** 18, must be ordered separately.		T **7200** 31	**15**	
	Screw-in part G 1/2, O-ring sealing, for non-crossing T-piece.	**10 x 1.3 – G 1/2**	T **7010** 18	**150**	
		16 x 2 – G 1/2	T **7016** 18	**150**	
		20 x 2 – G 1/2	T **7020** 18	**150**	
		26 x 3 – G 1/2	T **7026** 18	**100**	
	Box for non-crossing T-piece FT 1/2 (plastic).		P **1020** 21	**10**	

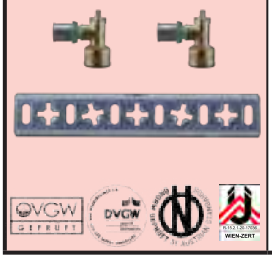
Press fittings
Wall angle short

Model		Order number	Sale Unit	€
	16 x 2 – Rp 1/2	T **7116** 31	**50**	
	20 x 2 – Rp 1/2	T **7120** 31	**50**	
	20 x 2 – Rp 3/4	T **7120** 32	**40**	
	26 x 3 – Rp 3/4	T **7126** 32	**40**	

Wall angle long

Model		Order number	Sale Unit	€
	16 x 2 – Rp 1/2	T **7116** 41	**50**	
	20 x 2 – Rp 1/2	T **7120** 41	**40**	

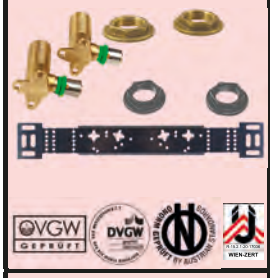
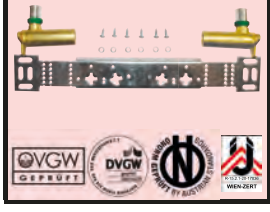
Wall angle set

Model		Order number	Sale Unit	€
	16 x 2 - Rp 1/2, L= 207.5 mm Set: strip + two wall angles	T **7116** 56	**10**	

Wall angle U-shaped

Model		Order number	Sale Unit	€
	16 x 2 – Rp 1/2 – 16 x 2	T **7116** 36	**40**	
	20 x 2 – Rp 1/2 – 20 x 2	T **7120** 36	**40**	

Press fittings
Wall mount set

Model		Dim.	Order number	Sale Unit	€
	Mounting strip for wall angle with adapter.		T **7298** 10	**10**	
	Mounting strip with adapter and two wall bushings, packed in set unmounted, 3/4 MT 30 mm.	**16 x 2 – Rp 1/2 30 mm**	T **7116** 54	**10**	
		20 x 2 – Rp 1/2 30 mm	T **7120** 54	**10**	
	Mounting strip with adapter and two wall angles short, packed in set unmounted.	**16 x 2 – Rp 1/2**	T **7116** 33	**10**	
		20 x 2 – Rp 1/2	T **7120** 33	**10**	
	Mounting strip with adapter and two wall angles long, packed in set unmounted.	**16 x 2 – Rp 1/2**	T **7116** 43	**10**	
		20 x 2 – Rp 1/2	T **7120** 43	**10**	

Press fitting end cap

Model		Dim.	Order number	Sale Unit	€
	Press fitting end cap	**16 x 2**	T **7016** 10	**100**	
		20 x 2	T **7020** 10	**100**	
		26 x 3	T **7026** 10	**40**	
		32 x 3	T **7032** 10	**40**	
		40 x 3.5	T **7040** 10	**30**	
		50 x 4	T **7050** 10	**10**	
		63 x 4.5	T **7063** 10	**10**	

Soundproofing element

	**Soundproof element for angle** for U-shape wall angle Ø16 and Ø20 (T **7116** 36 and T **7120** 36)	P **0450** 06	**10**	
	**Soundproof element for angle** for wall angles short and long, Rp ½" (T **7116** 31, T **7120** 31, T **7116** 41 and T **7120** 41)	P **0450** 07	**10**	
	**Soundproof element for angle** for wall angles short, Rp ¾" (T **7120** 32 and T **7126** 32)	P **0450** 08	**10**	

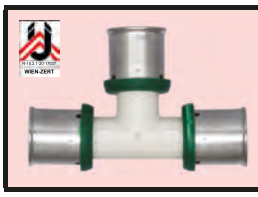
Pressfittinge PPSU

All water-carrying parts are made of PPSU and therefore suitable for use in drinking water applications as well as in heating and cooling applications.
Models not sealed when not compressed.

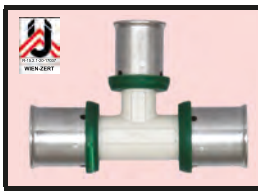
90° angle

Model		Order number	Sale Unit	€
	16 x 2 - 16 x 2	R **6116** 00	**150**	
	20 x 2 - 20 x 2	R **6120** 00	**100**	
	26 x 3 - 26 x 3	R **6126** 00	**50**	

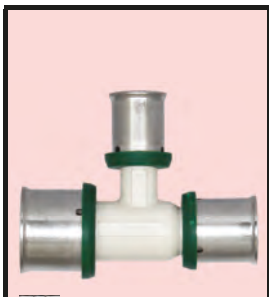
T-piece

	16 x 2 - 16 x 2 - 16 x 2	R **6216** 00	**60**	
	20 x 2 - 20 x 2 - 20 x 2	R **6220** 00	**50**	
	26 x 3 - 26 x 3 - 26 x 3	R **6226** 00	**30**	

T-piece, middle branch reduced

	20 x 2 - 16 x 2 - 20 x 2	R **6220** 01	**50**	
	26 x 3 - 16 x 2 - 26 x 3	R **6226** 03	**30**	
	26 x 3 - 20 x 2 - 26 x 3	R **6226** 05	**30**	

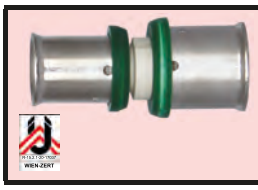
T-piece, expanded/reduced

	20 x 2 - 16 x 2 - 16 x 2	R **6220** 03	**50**	
	20 x 2 - 20 x 2 - 16 x 2	R **6220** 08	**50**	
	26 x 3 - 16 x 2 - 20 x 2	R **6226** 11	**30**	
	26 x 3 - 20 x 2 - 16 x 2	R **6226** 13	**30**	
	26 x 3 - 20 x 2 - 20 x 2	R **6226** 14	**30**	
	26 x 3 - 26 x 3 - 16 x 2	R **6226** 16	**30**	
	26 x 3 - 26 x 3 - 20 x 2	R **6226** 15	**30**	
	16 x 2 - 20 x 2 - 16 x 2	R **6216** 03	**50**	
	20 x 2 - 26 x 3 - 20 x 2	R **6220** 06	**30**	

Coupling

	16 x 2 - 16 x 2	R **6016** 00	**150**	
	20 x 2 - 20 x 2	R **6020** 00	**150**	
	26 x 3 - 26 x 3	R **6026** 00	**80**	

Reduction

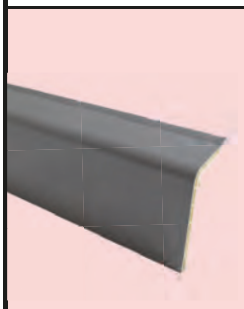
	20 x 2 - 16 x 2	R **6020** 01	**150**	
	26 x 3 - 16 x 2	R **6026** 01	**80**	
	26 x 3 - 20 x 2	R **6026** 02	**80**	

Screw connections
Coupling

Model		Dim.	Order number	Sale Unit	€
	**Coupling** for connection of plastic pipes. Brass version. Compression adapter with cone for pipe connection must be ordered separately.	**G 1/2**	1 **6262** 01	**20**	
		G 3/4	1 **6262** 02	**20**	
		G 1	1 **6262** 03	**10**	
		G 1 x 3/4	1 **6262** 04	**20**	
	**Coupling** for connection of plastic pipes. Nickel-plated. Compression adapter G ¾" with cone for pipe connection must be ordered separately.	**G 3/4**	1 **6262** 12	**20**	
	**Adapter for universal and inclined body valves** Compression adapters for pipe connections must be ordered separately.	**G 1/2 x M 22 x 1.5**	1 **6272** 01	**10**	
		G 3/4 x G 1/2	1 **6266** 01	**100**	
		G 1/2 x R 1/2	1 **6266** 11	**10**	
		G 3/4 x R 1/2	1 **6266** 12	**10**	
		G 3/4 x R 3/4	1 **6266** 20	**10**	
		G 1 x R 3/4	1 **6266** 13	**10**	
		G 1 x R 1	1 **6266** 03	**1**	
	**Plastic pipe connection nipple of brass,** nickel-plated, for direct distributor connection, conically-sealing. Female, male thread. Compression adapter for pipe connection must be ordered separately.	**G 3/4 x Rp 1/2**	1 **6265** 01	**10**	
		G 1/2 x Rp 1/2	1 **6265** 11	**10**	
		G 3/4 x Rp 3/4	1 **6265** 12	**10**	
		G 1 x Rp 3/4	1 **6265** 13	**10**	
		G 1 x Rp 1	1 **6265** 14	**10**	
		1/2 x M 22 x 1.5	1 **6275** 22	**20**	

Product Group 1

Plastic skirting board system

Model		Colour	Length	Order number	Sale Unit (m)	€
	**HERZ skirting board, 2000 x 40 x 88 mm** made of recycled PVC hollow chamber profile coated with lightfast film, extruded-on sealing lip in skirting board color, **click**clack snap-on fastening to the board clips, Sale units 10 pieces (2 m each).	**Concrete grey**	**2 lfm** 1)	3 **S970** 80	**20**	
		Beech	**2 lfm**1)	3 **S970** 20	**20**	
		Light oak	**2 lfm**	3 **S970** 30	**20**	
		White ash	**2 lfm**1)	3 **S910** 31	**20**	
		white RAL9016	**2 lfm**	3 **S970** 59	**20**	
		Maple/ Birch	**2 lfm**	3 **S970** 51	**20**	

1) Skirting boards with a length of 2.5 running meters on request only

Pipe and skirting board clips

	**HERZ pipe clip fixed up to pipe diameter 22 mm** For fastening or subsequent installation of HERZ skirting boards on already installed pipes, not height-adjustable. Fastening with nail anchor 3 **S130** 60 6 x 60 mm, 1 piece/m of skirting board required.	**White**		3 **S912** 00	**50**	
	**HERZ sliding clip up to pipe diameter 22 mm** For fastening or subsequent installation of HERZ skirting boards on already installed pipes, height-adjustable up to 15 mm. Fastening with nail anchor 3 **S130** 60 6 x 60 mm, 1 piece/m of skirting board required.	**Black**		3 **S940** 00	**50**	

Plastic skirting board system
Connecting materials

Model		Colour	Order number	Sale Unit	€
	HERZ butt joint connection piece of recycled PVC, Surface decor etched (Anthracite, white RAL 9016 - smooth surface), for covering the butt joint.	**Anthracite**	3 **S970** 81	**50**	
		Light oak	3 **S912** 10	**50**	
		Esche White	3 **S912** 30	**50**	
		Beech	3 **S918** 30	**50**	
		Birch	3 **S919** 30	**50**	
		White RAL 9016	3 **S970** 65	**50**	
	**HERZ external angle, plug-in type** of recycled PVC, Surface decor etched (Anthracite, white RAL 9016 - smooth surface), no mitre cuts necessary.	**Anthracite**	3 **S910** 43	**50**	
		Light oak	3 **S958** 10	**50**	
		Esche White	3 **S958** 30	**50**	
		Beech	3 **S918** 80	**50**	
		Birch	3 **S919** 80	**50**	
		White RAL 9016	3 **S970** 67	**50**	
	HERZ internal angle, plug-in type of recycled PVC, Surface decor etched (Anthracite, white RAL 9016 - smooth surface), no mitre cuts necessary.	**Anthracite**	3 **S970** 83	**50**	
		Light oak	3 **S958** 50	**50**	
		Esche White	3 **S958** 70	**50**	
		Beech	3 **S918** 90	**50**	
		Birch	3 **S919** 90	**50**	
		White RAL 9016	3 **S970** 66	**50**	

Plastic skirting board system
Connecting materials

Model		Colour	Order number	Sale Unit	€
	**HERZ external angle** of recycled PVC, Surface decor etched, for covering mitre cuts.	**Light oak**	3 **S912** 50	**50**	
		White ash	3 **S912** 70	**50**	
		Beech	3 **S918** 40	**50**	
		Birch	3 **S919** 40	**50**	
	HERZ internal angle of recycled PVC, Surface decor etched, for covering mitre cuts.	**Light oak**	3 **S912** 90	**50**	
		White ash	3 **S913** 10	**50**	
		Beech	3 **S918** 50	**50**	
		Birch	3 **S919** 50	**50**	
	**HERZ finishing cover, right** of recycled PVC, Surface decor etched (Anthracite, white RAL 9016 - smooth surface), or covering open skirting board ends.	**Anthracite**	3 **S970** 84	**50**	
		Light oak	3 **S913** 30	**50**	
		White ash	3 **S913** 50	**50**	
		Beech	3 **S918** 60	**50**	
		Birch	3 **S919** 60	**50**	
		White RAL 9016	3 **S970** 68	**50**	
	**HERZ finishing cover, left** of recycled PVC, Surface decor etched (Anthracite, white RAL 9016 - smooth surface), or covering open skirting board ends.	**Anthracite**	3 **S970** 85	**50**	
		Light oak	3 **S913** 70	**50**	
		White ash	3 **S913** 90	**50**	
		Beech	3 **S918** 70	**50**	
		Birch	3 **S919** 70	**50**	
		White RAL 9016	3 **S970** 69	**50**	

Pipe cutters

Model		Order number	Sale Unit	€
	Suitable for dimensions 10 to 40 mm (REMS reference article number 290050 R)	P **2010** 11	**1**	
	Suitable for dimensions 10 to 63 mm (REMS reference article number 290000 R)	P **2010** 16	**1**	
	Suitable for dimensions up to 35 mm (REMS reference article number 291220 R)	P **2010** 14	**1**	
	Suitable for dimensions 6 to 67 mm (Rothenberger reference article number 70031)	P **2010** 39	**1**	
	Suitable for dimensions up to 75 mm (Rothenberger reference article number 52015)	P **2010** 37	**1**	
	Suitable for dimensions 6 to 42 mm (Rothenberger reference article number 55015)	P **2010** 38	**1**	

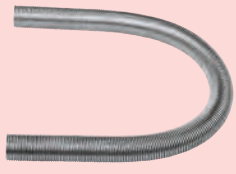
Test pumps

	Precision test pump RP 50-S For pressure and leak testing of pipe systems, tanks in sanitary and heating installations, from 0–60 bar Tank volume: 12 l Connection: R 1/2. (Rothenberger reference article number 60200)	P **2010** 40	**1**	

Bending tools

	Bending machine Tube Bender Maxi: Universal bending device for precise bending up to 90° of pipes between 14–32 mm in diameter. (Rothenberger reference article number 23095)	P **2010** 41	**1**	

Bending spring

	Inside 16 x 2	P **2021** 61	**1**	
	Inside 20 x 2	P **2022** 01	**1**	
	Inside 26 x 3	P **2022** 61	**1**	
	Outside 14	P **2021** 42	**1**	
	Outside 16	P **2021** 62	**1**	
	Outside 18	P **2021** 82	**1**	
	Outside 20	P **2022** 02	**1**	
	Outside 26	P **2022** 62	**1**	

Universal calibrator,
with standard grip, mounted

Model		Dim.	Order number	Sale Unit	€
	Calibrator	**10 x 1.3**	3 **F010** 11	**1**	
		16 x 2	P **2011** 74	**1**	
		20 x 2	P **2011** 76	**1**	
		26 x 3	P **2011** 78	**1**	
		32 x 3	P **2011** 79	**1**	
		40 x 3.5	P **2011** 80	**1**	
		50 x 4	P **2011** 83	**1**	
		63 x 4.5	P **2011** 87	**1**	

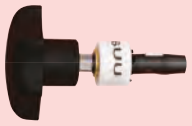
Universal calibrator,
usable with standard and click grip or for clamping directly in typical powered screwdrivers

	Calibrator with hex head.	**16 x 2**	P **2010** 74	**1**	
		20 x 2	P **2010** 76	**1**	
		26 x 3	P **2010** 78	**1**	
		32 x 3	P **2010** 79	**1**	
		40 x 3.5	P **2010** 80	**1**	
		50 x 4	P **2010** 83	**1**	
		63 x 4.5	P **2010** 87	**1**	

Grips

	Click grip for universal calibrator.	**All dimensions**	P **2010** 70	**1**	
	Standard grip for calibrators.	**All dimensions**	P **2010** 71	**1**	

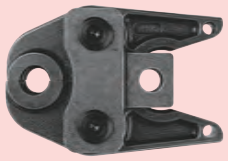
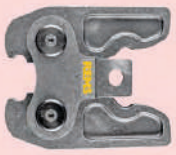
PIPEFIX unpressed leak path calibrator

	Calibrator unpressed leak path.	**50 x 4**	P **2050** 20	**1**	
		63 x 4.5	P **2063** 20	**1**	
		75 x 5.0	P **2010** 91	**1**	

Battery-Powered Pressing Tools and Accessories
Rems

Model		Order number	Reference article no.	Sale Unit	€
	Electro-hydraulic radial press with forced shut-off for producing press fittings up to 75 mm. Rotatable press jaw holder with automatic locking. Electro-hydraulic drive with proven universal motor 230 V, 50 - 60 Hz, 450 W, robust planetary gear, eccentric piston pump and compact high-performance hydraulic system, safety toggle switch. Steel sheet case.	P **2011** 09	**REMS 577010 R220**	**1**	
	Battery-powered radial press with shut-off signal for producing press fittings up to 75 mm. Rotatable press jaw holder with automatic locking. Electro-hydraulic drive with powerful 14.4 V, 380 W battery motor, robust planetary gear, eccentric piston pump, and compact high-performance hydraulic system, safety toggle switch. Integrated LED work light. Li-Ion battery. Steel sheet case.	P **2010** 08	**REMS 571013 R220**	**1**	
	Sheet steel case with insert. The case is delivered without contents. (REMS reference article number: 570280 R).	P **2010** 00	**REMS 570280 R**	**1**	
	Li-ion battery 14.4 V, 3.0 Ah for pressing tool after 2012.	P **2010** 61	**REMS 571555 R14**	**1**	
	Fast charger Li-ion/Ni-Cd 23 V (REMS reference article number 571560 R220).	P **2010** 12	**REMS 571560 R220**	**1**	

Press jaw (TH) for pressing tool (battery, 230 V)

Model		Dim.	Order number	Reference article no.	Sale Unit	€
	Press jaw for pressing tool.	**10**	P **2011** 19	**REMS 570467**	**1**	
		16	P **2011** 22	**REMS 570460**	**1**	
		20	P **2011** 24	**REMS 570470**	**1**	
		26	P **2011** 26	**REMS 570475**	**1**	
		32	P **2011** 27	**REMS 570480**	**1**	
		40	P **2011** 28	**REMS 570485**	**1**	
		50	P **2011** 29	**REMS 572400**	**1**	
	as above, but adapter tong Z4 P **2011** 33 required, must be ordered separately	**63**	P **2011** 30	**REMS 572405**	**1**	
		75	P **2011** 32	**REMS 572829R**	**1**	
	**Adapter tong Z4** Required to attach the press jaw dim. 75 (P **2011** 32) to the pressing tool		P **2011** 33	**REMS 572801RX**	**1**	

	Case of sheet steel for six press jaws and one pipe cutter. The case is delivered without contents. (REMS reference article number: 570295 R).	P **2011** 00	**REMS 570295 R**	**1**	

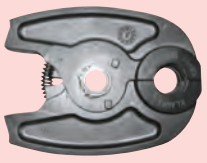
Hand lever for all press jaws

	Lever suitable for press jaws of all pressing tools, dimension 10–26. The press jaws must be ordered separately.	P **2010** 05	**REMS 574000 R**	**1**	

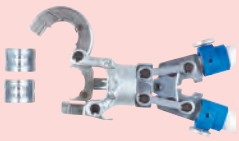
Klauke

	Battery-powered pressing tool 18 V (Mini) incl. plastic case, battery and charger	P **2010** 50	**Klauke MAP2L**	**1**	
	Additional battery for pressing tool 18 V/1.5Ah Li-ion	P **2010** 48	**Klauke RAL1**	**1**	
	Replacement charger for 18 V Li-ion battery	P **2010** 49	**Klauke LGL1**	**1**	

Press jaw (TH) for battery-powered pressing tool

	Press jaw for battery-powered pressing tool Klauke “MAP2L” 18 V, profile TH	**16**	P **2010** 31	**SBM16N**	**1**	
		20	P **2010** 33	**SBM20N**	**1**	
		26	P **2010** 34	**SBM26N**	**1**	
		32	P **2010** 35	**SBM32N**	**1**	

Handheld crimping pliers

Model		Order number	Reference article no. Klauke	Sale Unit	€
	Handheld crimping pliers	P **2010** 20	**MP32N**	**1**	
	Insert 14	P **2010** 21	**WE14N**	**1**	
	Insert 16	P **2010** 22	**WE16N**	**1**	
	Insert 18	P **2010** 23	**WE18N**	**1**	
	Insert 20	P **2010** 24	**WE20N**	**1**	
	Insert 26	P **2010** 25	**WE26N**	**1**	
	Insert 32	P **2010** 26	**WE32N**	**1**	

Rothenberger

Model		Dim.	Order number	Reference order no.	Sale Unit	€
	**ROMAX 4000: Electrohydraulic press machine for battery operation 18 V,** for pressing of HERZ PIPEFIX, suitable for sustained use, pressing process ~5 s, extremely low weight and balanced weight distribution, weight 3.6 kg without press jaw, press jaw chuck rotates 270°. 18V - 4Ah		P **2010** 62	**Rothenberger 1000001840**	**1**	
	As described above, but as complete set including press jaws TH16- 20- 26		P **2010** 63	**Rothenberger 1000001925**	**1**	
	**ROMAX 3000 AC: Electrohydraulic press machine for mains operation 230 V,** for pressing of HERZ PIPEFIX, suitable for sustained use, pressing process ~5 s, extremely low weight and balanced weight distribution, weight 3.8 kg without press jaw, press jaw chuck rotates 270°.		P **2011** 40	**Rothenberger 1000001001**	**1**	
	Press jaw TH for ROMAX 4000/3000AC	16	P **2011** 42	**Rothenberger 15322x**	**1**	
	Press jaw TH for ROMAX 4000/3000AC	20	P **2011** 43	**Rothenberger 15324x**	**1**	
	Press jaw TH for ROMAX 4000/3000AC	26	P **2011** 44	**Rothenberger 15326x**	**1**	
	Press jaw TH for ROMAX 4000/3000AC	32	P **2011** 45	**Rothenberger 15327x**	**1**	
	Press jaw TH for ROMAX 4000/3000AC	40	P **2011** 46	**Rothenberger 15328x**	**1**	
	Press jaw TH for ROMAX 4000/3000AC	50	P **2010** 65	**Rothenberger 1000001810**	**1**	
	Press jaw TH for ROMAX 4000/3000AC	63	P **2010** 66	**Rothenberger 1000001811**	**1**	
	Replacement Li-ion battery 18 V, 4.0 Ah for ROMAX 4000		P **2010** 68	**Rothenberger 1000001653**	**1**	



11

Gas Systems

Ball valves PN 1 for gas systems

Model		Dim.	MOP	PN	Order number	Sale Unit	€
 DVGW GEPRÜFT G2.951	**Ball valve with sheet steel lever, PN 1** Socket x socket. Body of brass according to EN 12165, with O-ring seal for ball and spindle. Nominal pressure PN 1 (HTB 650 °C/30 min), operating temperature -20 °C to +60 °C.	**DN 10**	5	1	1 **2300** 20	**25**	
		DN 15			1 **2300** 21	**25**	
		DN 20			1 **2300** 22	**25**	
		DN 25			1 **2300** 23	**20**	
		DN 32			1 **2300** 24	**16**	
		DN 40			1 **2300** 25	**8**	
		DN 50			1 **2300** 26	**4**	
 DVGW GEPRÜFT G2.951	**Ball valve with sheet steel T-handle, PN1** Socket x socket. Body of brass according to EN 12165, with O-ring seal for ball and spindle. Nominal pressure PN 1 (HTB 650 °C/30 min), operating temperature -20 °C to +60 °C.	**DN 10**	5	1	1 **2300** 30	**25**	
		DN 15			1 **2300** 31	**25**	
		DN 20			1 **2300** 32	**25**	
		DN 25			1 **2300** 33	**20**	
		DN 32			1 **2300** 34	**16**	
 DVGW	**Ball valve with sheet steel lever, PN 1** Socket x socket. Body of brass according to EN 12165, with O-ring seal for ball and spindle. Nominal pressure PN 1 (HTB 650 °C/30 min), operating temperature -20 °C to +60 °C.	**DN 15**	5	1	1 **2300** 01	**25**	
		DN 20			1 **2300** 02	**25**	
		DN 25			1 **2300** 03	**20**	
		DN 32			1 **2300** 04	**16**	
		DN 40			1 **2300** 05	**8**	
		DN 50			1 **2300** 06	**4**	
 DVGW	**Ball valve with sheet steel T-handle, PN 1** Socket x socket. Body of brass according to EN 12165, with O-ring seal for ball and spindle. Nominal pressure PN 1 (HTB 650 °C/30 min), operating temperature -20 °C to +60 °C.	**DN 10**	5	1	1 **2300** 10	**25**	
		DN 15			1 **2300** 11	**25**	
		DN 20			1 **2300** 12	**25**	
		DN 25			1 **2300** 13	**20**	
		DN 32			1 **2300** 14	**16**	

Ball valves PN 1 for gas systems

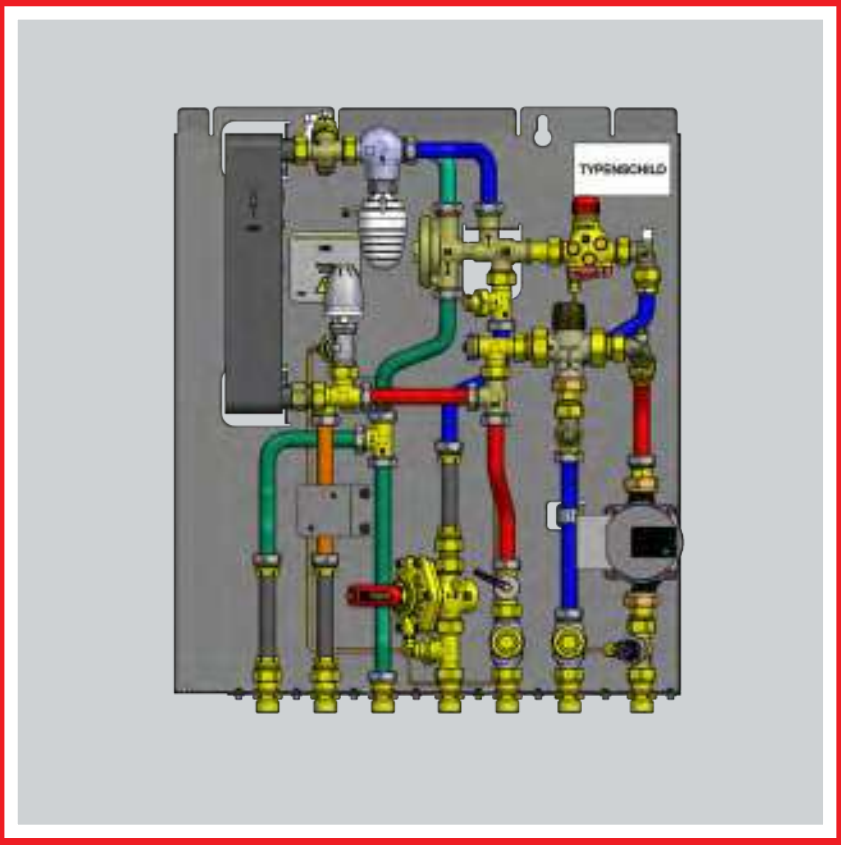
Model		Dim.	MOP	PN	Order number	Sale Unit	€
	**Ball valve with sheet steel lever, PN 1** With thermal safety lock of valve (TAS). Socket x socket. Body of brass according to EN 12165, nickel-plated. With O-ring seal for ball and spindle. Nominal pressure PN 1 (HTB 925°C/60 min.), operating temperature: -20 °C to +60 °C).	**DN 15**	5	1	1 **2302** 01	**25**	
		DN 20			1 **2302** 02	**25**	
		DN 25			1 **2302** 03	**20**	
	**Ball valve with sheet steel T-handle, PN 1** With thermal safety lock of valve (TAS). Socket x socket. Body of brass according to EN 12165, nickel-plated. With O-ring seal for ball and spindle. Nominal pressure PN 1 (HTB 925 °C/60 min.), operating temperature: -20 °C to +60 °C).	**DN 15**	5	1	1 **2302** 11	**25**	
		DN 20			1 **2302** 12	**25**	
		DN 25			1 **2302** 13	**20**	

Ball valves for gas systems

Model		Dim.	MOP	Order number	Sale Unit	€
	**Ball valve for device connection with T-handle, angle version, AG x AG, PN 1** Body of brass according to EN 12165, nickel-plated. With double O-ring seal for spindle, ball with Teflon seal. Nominal pressure PN 1, operating temperature -20 °C to +60 °C.	**DN 10**	**5**	1 **2362** 10	**25**	
	**Ball valve for device connection with T-handle, angle version, IG x AG, PN 1** Body of brass according to EN 12165, nickel-plated. With double O-ring seal for spindle, ball with Teflon seal. Nominal pressure PN 1, operating temperature -20 °C to +60 °C.	**DN 10**	**5**	1 **2372** 11	**25**	

Strainer for gas

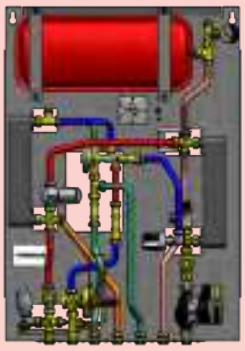
Model		Dim.	PN	Order number	Sale Unit	€
	**Strainer for gas** Body of brass according to EN 12165, threaded sockets on both sides, suitable for gas installations according to DIN-DVGW G 260 table. Nominal pressure PN 5, operating temperature -20°C to +60°C.	**DN 15**	**5**	1 **2319** 01	**25**	
		DN 20		1 **2319** 02	**25**	
		DN 25		1 **2319** 03	**20**	



12

Systems

Hydraulic interface unit compactINDIRECT
Decentralised water heater with heating connection

Model		Order number	Sale Unit	€
	**HIU compactINDIRECT**, compact hydraulic interface unit for hot water production by continuous flow principle and transfer of heat to low-temperature heating. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor. Consisting of: • Copper-soldered asymmetrical stainless steel plate heat exchanger • Second heat exchanger for system separation on the secondary heating circuit • HERZ pressure and temperature controller for central regulation of the hot water temperature • Fixed value control with setting range 40 °C – 70 °C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Constant readiness for hot water production even in summer, operating mode due to temperature-regulated bypass switching, permanently set to 45 °C • Cold water meter adapter 80 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Heat meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Diaphragm expansion tank secondary • Diaphragm safety valve 3 bar secondary • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line • Differential pressure controller (25 - 60 kPa) in the primary circuit • Empty weight module: 27 kg • Connection: Male thread 3/4" flat sealing • Nominal pressure: 16 bar primary / 3 bar secondary • Max. supply temp. HIU compactINDIRECT: 70 °C • Max. supply temp. HIU compactINDIRECT with TSR*: 85 °C • Min. flow pressure mains cold water: 2.8 bar • Circulation pump space heating: Wilo Para RS 15/6 (SCU) or similar • Circulation pump domestic hot water circulation: Wilo Star-Z NOVA or similar **11 l/min** • HIU compactINDIRECT without TSR*: 1 **4021** 38 • HIU compactINDIRECT with TSR*: 1 **4021** 35 • Domestic hot water circulation set: 1 **4024** 73 • Flush cabinet short, 120 mm deep: 1 **4024** 51 • Front frame with door short: 1 **4024** 52 • Cover HIU compactINDIRECT: 1 **4024** 57 • Pre-assembly strip HIU compactINDIRECT: 1 **4024** 49 • Adapter piece for heat meter sensor M 10 x 1 mm: 1 **4022** 46	1 **4021** 38	**1**	
	15 l/min • HIU compactINDIRECT without TSR*: 1 **4024** 55 • HIU compactINDIRECT with TSR*: 1 **4021** 36	1 **4024** 55	**1**	
	18 l/min • HIU compactINDIRECT without TSR*: 1 **4024** 43 • HIU compactINDIRECT with TSR*: 1 **4024** 88	1 **4024** 43	**1**	
	22 l/min • HIU compactINDIRECT without TSR*: 1 **4024** 56 • HIU compactINDIRECT with TSR*: 1 **4021** 37	1 **4024** 56	**1**	

*__TSR__ - thermostatic control valve

Accessories for HERZ HIU kompaktINDIRECT

Model		Order number	Sale Unit	€
	**HERZ flush box** with pre-installation bracket, including mounting material	1 **4024** 51	**1**	
	**Front frame and front door, white** powder-coated (RAL 9016), front door with latch	1 **4024** 52	**1**	
	**HERZ pre-installation bracket** patented installation system, option to connect the pre-installation bracket from the floor.	1 **4024** 49	**1**	
	**HERZ-Test point set 2 pieces** brass version, blue cap (return) and red cap (supply) for pressure transducer, with the adapter FT 1/4" x FT G ¾".	1 **0284** 29	**10**	
	**HERZ-Test point** brass version, red cap (supply) for pressure transducer, with the adapter FT 1/4" x FT G ¾".	1 **0284 3**0	**1**	

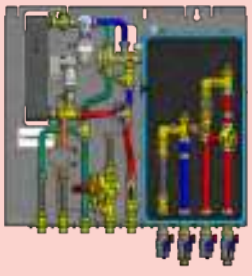
Hydraulic interface unit flexRAD
Decentralised water heater with heating connection

Model		Order number	Sale Unit	€
	**HIU flexRAD**, with hot water priority circuit, compact hydraulic interface unit for hot water production by continuous flow principle and transfer of heat to radiator heaters. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from below. Consisting of: • Copper-soldered asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature with hot water priority circuit • Control valve with return temperature limiter for low heating return temperature • Constant readiness for hot water preparation even in summer operation due to temperature-controlled bypass circuit, fixed at 45 °C • Warm and cold water meter adapter piece 130 mm – G 3/4", also suitable for continuous operation • Adapters 80 and 110 available as accessories • Heat meter adapter 110 mm – G 3/4", also suitable for continuous operation • Strainer with fine mesh in the primary supply line and secondary return line • Differential pressure controller (20 kPa) in the secondary circuit • Differential pressure controller (25 - 60 kPa) in the primary circuit • Empty weight module: 15 kg • Connection: MT 3/4" flat sealing • Max. operating pressure: 16 bar • Max. supply temperature: 85 °C • Min. drinking water flow pressure: 2,8 bar • Thermal readjustment • Circulation set: 1 **4028** 57 • Flush cabinet short: 1 **4028** 47 • Front frame with door short: 1 **4028** 48 • Cover HIU flexRAD: 1 **4028** 54 • Pre-assembly strip HIU flexRAD: 1 **4028** 55 • Adapter piece for heat meter sensor M 10 x 1 mm: 1 **4022** 46 **11 l/min 42P** • HIU flexRAD	1 **4028** 29	**1**	
	15 l/min 42P • HIU flexRAD	1 **4028** 30	**1**	
	18 l/min 42P • HIU flexRAD	1 **4028** 31	**1**	
	18 l/min 70P • HIU flexRAD	1 **4028** 32	**1**	
	22 l/min 70P • HIU flexRAD	1 **4028** 33	**1**	

Hydraulic interface unit flexUFH
Decentralised water heater with underfloor heating connection

Model		Order number	Sale Unit	€
	**HIU flexUFH**, compact hydraulic interface unit for hot water production by continuous flow principle and transfer of heat to low-temperature heating. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from below. Consisting of: • Copper-soldered asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature • Constant readiness for hot water preparation even in summer operation due to temperature-controlled bypass circuit, fixed at 45 °C • Warm and cold water meter adapter piece 80/110/130 mm – G 3/4", also suitable for continuous operation • Heat meter adapter 110 mm – G 3/4", also suitable for continuous operation • Strainer with fine mesh in the primary supply line and secondary return line • Fixed value control with setting range 20 °C – 42 °C • Differential pressure controlle (20 kPa) in the secondary circuit • Differential pressure controlle (25 - 60 kPa) in the primary circuit • Connection option for a bathroom radiator via T-pieces • Empty weight module: 17 kg • Connection: MT 3/4" flat sealing • Max. operating pressure: 10 bar • Max. supply temperature: 85 °C • Min. drinking water flow pressure: 2,8 bar • Circulation pump space heating: Wilo Para RS 15/6 (SCU) or similar • Thermal readjustment • Circulation set: 1 **4028** 57 • Flush cabinet short: 1 **4028** 47 • Front frame with door short: 1 **4028** 48 • Flush cabinet long, pre-assembly strip and connection piping for heating circuit distributor: 1 **4028** 49 • Front frame with door long: 1 **4028** 50 • Cover HIU flexUFH: 1 **4028** 54 • Pre-assembly strip HIU flexUFH: 1 **4028** 55 • Adapter piece for heat meter sensor M 10 x 1 mm: 1 **4022** 46 **11 l/min 42P** • HIU flexUFH	1 **4028** 38	**1**	
	15 l/min 42P • HIU flexUFH	1 **4028** 39	**1**	
	18 l/min 42P • HIU flexUFH	1 **4028** 40	**1**	
	18 l/min 70P • HIU flexUFH	1 **4028** 41	**1**	
	22 l/min 70P • HIU flexUFH	1 **4028** 42	**1**	

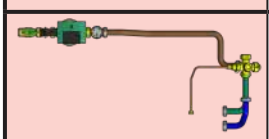
Hydraulic interface unit flexLEN
Decentralised hot water preparation with separate underfloor heating connection

Model		Order number	Sale Unit	€
	**HIU flexLEN**, in a 4-pipe system, for maximum DHW comfort with simultaneous use in modern low-energy networks. Supply via district heating or central heat generation, with separate energy circuits for hot water and space heating. The 4-pipe system allows the station to be used for heating as well as cooling with simultaneous decentralised hot water production. Highest energy efficiency in heat supply can thus be achieved. The station uses a highly efficient heat exchanger for immediate hot water production as required in the high-temperature circuit. The room heat or room cooling is separated from this and supplied directly from the separate low-temperature circuit for surface heating or surface cooling, via an integrated, dynamically controlled heating circuit distributor. The pipe connection to the heat exchanger is made via ball valves. The pipes can be connected from below. Consisting of: • Copper-brazed asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central control of the hot water temperature • Constant readiness for hot water preparation even in summer operation due to temperature-controlled bypass circuit, fixed at 45 °C • 2 heat meter adaptors 110 mm, also suitable for continuous operation • Warm and cold water meter adapter piece 130 mm – G 3/4", also suitable for continuous operation • Adapters 80 and 110 available as accessories • Heating/cooling supply in water vapour-tight insulated housing • Strainer with fine mesh in the primary supply line • Strainer with drain ball valve in the space heating flow line • Pressure-independent control in the supply line to the connected consumer • Differential pressure controller 25 - 60 kPa in the high-temperature circuit • Connection domestic hot water supply: MT 3/4" flat sealing • Connection for heating/cooling supply: MT 1" flat sealing • Max. operating pressure: 10 bar • Max. supply temperature: 85 °C • Min. drinking water flow pressure: 2,8 bar • Thermal readjustment • Circulation line retrofit set: 1 **4028** 57 • Flush-mounted box short: 1 **4025** 65 • Front frame and front door short: 1 **4025** 66 • Flush-mounted box long: 1 **4025** 88 • Front frame and front door long: 1 **4025** 89 • Surface-mounted cover: 1 **4025** 67 • Extension set for ceiling cooling: 1 **4025** 69 • Extension set for pump: 1 **4025** 70 **15 l/min 42P** • HIU flexLEN	1 **4025** 61	**1**	
	18 l/min 70P • HIU flexLEN	1 **4025** 63	**1**	
	18 l/min 42P • HIU flexLEN	1 **4025** 62	**1**	
	22 l/min 70P • HIU flexLEN	1 **4025** 64	**1**	

Accessories for HERZ HIU flexRAD / flexUFH / flexLEN

Model		Order number	Sale Unit	€
	**HERZ flush box short** with pre-installation bracket, including mounting material Suitable for: • HIU flexRAD • HIU flexUFH	1 **4028** 47	**1**	
	**Front frame and front door short** powder-coated (RAL 9016), front door with latch Suitable for: • HIU flexRAD • HIU flexUFH	1 **4028** 48	**1**	
	**HERZ flush box long** with pre-installation bracket, including mounting material Suitable for 3- to 9-outlet heating circuit manifolds: 1 **4023** 93 – 1 **4023** 99 Suitable for: • HIU flexUFH	1 **4028** 49	**1**	
	**Front frame and front door lang** powder-coated (RAL 9016), front door with latch Suitable for: • HIU flexUFH	1 **4028** 50	**1**	
	**HERZ flush box short** with pre-installation bracket, including mounting material Suitable for: • HIU flexLEN	1 **4025** 65	**1**	
	**Front frame and front door short** powder-coated (RAL 9016), front door with latch Suitable for: • HIU flexLEN	1 **4025** 66	**1**	
	**HERZ flush box long** with pre-installation bracket, including mounting material Suitable for 3- to 12-outlet heating circuit manifolds: 1 **4023** 90 – 1 **4023** 99 Suitable for: • HIU flexLEN	1 **4025** 88	**1**	
	**Front frame and front door long** powder-coated (RAL 9016), front door with latch Suitable for: • HIU flexLEN	1 **4025** 89	**1**	

Accessories for HERZ HIU flexRAD / flexUFH / flexLEN

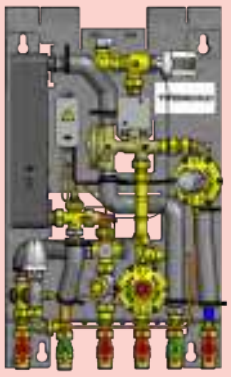
Model		Order number	Sale Unit	€
	**Surface-mounted cover** Suitable for: • HIU flexRAD • HIU flexUFH	1 **4028** 54	**1**	
	**Surface-mounted cover** Suitable for: • HIU flexLEN	1 **4025** 67	**1**	
	**Stand for flush-mounted box short**	1 **4028** 53	**1**	
	**HERZ pre-installation bracket** patented installation system, option to connect the pre-installation bracket from the floor. Suitable for: • HIU flexRAD • HIU flexUFH	1 **4028** 55	**1**	
	**HERZ pre-installation bracket** patented installation system, option to connect the pre-installation bracket from the floor. Suitable for: • HIU flexLEN	1 **4025** 68	**1**	
	**Extension set for ceiling cooling** Suitable for: • HIU flexLEN	1 **4025** 69	**1**	
	**Pump extension set** Suitable for: • HIU flexLEN	1 **4025** 70	**1**	
	**Circulation line retrofit set**	1 **4028** 57	**1**	
	**Adapter piece M 10 x 1 mm** for the temperature sensor of the heat meter	1 **4022** 46	**1**	
	**Adapter** for hot and cold water meters, 110 mm body length	1 **4028** 56	**1**	
	**Adapter** for hot and cold water meters, 80 mm body length	1 **4028** 58	**1**	

Accessories for HERZ HIU flexRAD / flexUFH / flexLEN

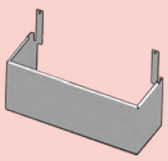
Model		Order number	Sale Unit	€
	**HERZ-Test point set 2 pieces** brass version, blue cap (return) and red cap (supply) for pressure transducer, with the adapter FT 1/4" x FT G ¾"	1 **0284** 29	**10**	
	**HERZ-Test point** brass version, red cap for pressure transducer, with the adapter FT 1/4" x FT G ¾"	1 **0284** 30	**1**	

Model		Dim.	Order number	Sale Unit	€
	**HERZ Stainless steel manifold for HIUs** With flowmeter (3 l/min), DN 25, consisting of return manifold with thermostatic valves (M 28 x 1.5), flow manifold with flowmeter inserts. Manifold connection with internal thread G 1", manifold outlets with G ¾" Euro cone. For use in 1 **4028** 49 flush-mounted cabinet, long version, for WÜS flexFBH (3 to 9 circuits) and 1 **4025** 88 flush-mounted cabinet for WÜS flexLEN (3 to 12 circuits). Accessory clamp sets (1 **6098** XX) must be ordered separately.	**3-fach**	1 **4023** 93	**1**	
		4-fach	1 **4023** 94		
		5-fach	1 **4023** 95		
		6-fach	1 **4023** 96		
		7-fach	1 **4023** 97		
		8-fach	1 **4023** 98		
		9-fach	1 **4023** 99		
		10-fach	1 **4023** 90		
		11-fach	1 **4023** 91		
		12-fach	1 **4023** 92		

Hydraulic interface unit Renova
Decentralised water heater with heating connection

Model		Order number	Sale Unit	€
	**HIU Renova**, supplies properties heated by district heating or central boiler systems with hot water and space heating. The station uses a heat exchanger for immediate hot water preparation as required. The room heat is transferred directly from the primary circuit of the heat generation. The pipe connection to the heat exchanger is made via ball valves. The connection of the pipes to the station is possible from the floor as well as from above. Consisting of: • Copper-brazed asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central control of the hot water temperature with integrated hot water priority circuit • Constant readiness for hot water preparation even in summer operation due to temperature-controlled bypass circuit, fixed at 45 °C • Heat meter fitting 110 mm - G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Strainer with fine mesh in the primary flow pipe • Differential pressure controller with integrated regulating, isolation and zone valve in the secondary circuit • Differential pressure controller 25-60 kPa in the primary circuit • Surface-mounted cover powder-coated in white RAL 9016 • Sensor holder for heat meter M 10 x 1 mm • Thermomotor for mounting on differential pressure controller for heating circuit; 230 V, 50 Hz, normally closed • Connections: AG 3/4" flat-sealing • Max. operating pressure: 16 bar • Max. supply temp. HIU Renova (11 l/min, 15 l/min, 18 l/min): 85 °C • Min. drinking water flow pressure: 2.5 bar • For HIU Renova 18 l/min minimum supply temperature of 65 °C for 50 °C hot water • Top connection insulated connection piping for the primary connection of the station from above: 1 **4022** 30 **11 l/min** • HIU Renova (11 l/min)	1 **4021** 91	**1**	
	15 l/min • HIU Renova (15 l/min)	1 **4021** 92	**1**	
	18 l/min • HIU Renova (18 l/min)	1 **4021** 93	**1**	

Accessories for HERZ HIU Renova

Model		Order number	Sale Unit	€
	**Pipe cover for HIU Renova**	1 **4022** 01	**1**	
	**Top Connection** insulated connection piping for the station's primary connection from above.	1 **4022** 30	**1**	

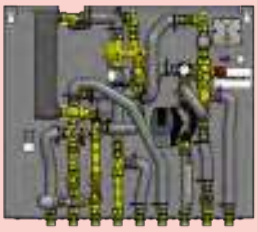
Hydraulic interface unit Slovakia NT
Decentralised water heater with floor heating connection

Model		Order number	Sale Unit	€
	**HIU Slovakia NT**, compact hydraulic interface unit for hot water production by continuous flow principle and transfer of heat to low-temperature heating. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor. Consisting of: • Copper-soldered asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature • Constant readiness for hot water production even in summer, operating mode due to temperature-regulated bypass switching, permanently set to 45 °C • Cold water meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Heat meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Strainer with fine mesh in primary supply line • Fixed value control with setting range 20 °C – 50 °C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Differential pressure controller with integrated control valve, shut off valve and zone valve in the secondary circuit • Zone valve TS-E with actuating drive • Empty weight model: 20 kg • Connection: Male thread 3/4" flat sealing • Nominal pressure: 10 bar • Max. supply temperature: 70 °C • Min. flow pressure mains cold water: 2.8 bar • Tap quantity: 18 l/min • Circulation pump space heating: Wilo Para RS 15/6 (SCU) or similar • Cover narrow: 1 **4021** 86 • Flush-mounted box narrow: 1 **4021** 96 • Door and frame narrow: 1 **4021** 98	1 **4021** 74	**1**	
	18 l/min as 1 **4021** 74, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 70	**1**	
	22 l/min as 1 **4021** 74, but 22 l/min	1 **4024** 75	**1**	
	22 l/min as 1 **4021** 75, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 71	**1**	

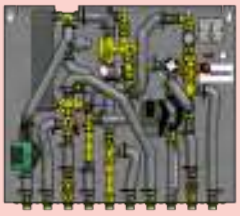
Hydraulic interface unit Slovakia NT with circulation
Decentralised water heater with floor heating connection

Model		Order number	Sale Unit	€
	**HIU Slovakia NT with circulation**, compact hydraulic interface unit for hot water production by continuous flow principle and transfer of heat to low-temperature heating. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor. Consisting of: • Copper-soldered asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature • Constant readiness for hot water production even in summer, operating mode due to temperature-regulated bypass switching, permanently set to 45 °C • Cold water meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Heat meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Strainer with fine mesh in primary supply line • Fixed value control with setting range 20 °C – 50 °C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Differential pressure controller with integrated control valve, shut off valve and zone valve in the secondary circuit • Zone valve TS-E with actuating drive • Circulation • Empty weight model: 21.5 kg • Connection: Male thread 3/4" flat sealing • Nominal pressure: 10 bar • Max. supply temperature: 70 °C • Min. flow pressure mains cold water: 2.8 bar • Tap quantity: 18 l/min • Circulation pump space heating: Wilo Para RS 15/6 (SCU) or similar • Circulation pump domestic hot water: Wilo Star-Z NOVA or similar • Cover narrow: 1 **4021** 86 • Flush-mounted box narrow: 1 **4021** 96 • Door and frame narrow: 1 **4021** 98	1 **4021** 76	**1**	
	18 l/min as 1 **4021** 76, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 72	**1**	
	22 l/min as 1 **4021** 76, but 22 l/min	1 **4024** 77	**1**	
	22 l/min as 1 **4021** 77, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 73	**1**	

Hydraulic interface unit Slovakia NT/HT
Decentralised water heater with floor heating connection and radiator outlet

Model		Order number	Sale Unit	€
	**HIU Slovakia NT/HT**, compact hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating and radiator outlet. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor. Consisting of: • Copper-soldered asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature • Constant readiness for hot water production even in summer, operating mode due to temperature-regulated bypass switching, permanently set to 45 °C • Cold water meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Heat meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Strainer with fine mesh in primary supply line • Fixed value control with setting range 20 °C – 50 °C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Differential pressure controller with integrated control valve, shut off valve and zone valve in the secondary circuit • Additional radiator outlet • Zone valve TS-E with actuating drive • Empty weight model: 20 kg • Connection: Male thread 3/4" flat sealing • Nominal pressure: 10 bar • Max. supply temperature: 70 °C • Min. flow pressure mains cold water: 2.8 bar • Tap quantity: 18 l/min • Circulation pump space heating: Wilo Para RS 15/6 (SCU) or similar • Cover wide: 1 **4021** 87 • Flush-mounted box wide: 1 **4021** 97 • Door and frame wide: 1 **4021** 99	1 **4021** 82	**1**	
	18 l/min as 1 **4021** 82, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 78	**1**	
	22 l/min as 1 **4021** 82, but 22 l/min	1 **4024** 83	**1**	
	22 l/min as 1 **4021** 83, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 79	**1**	

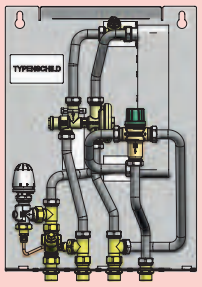
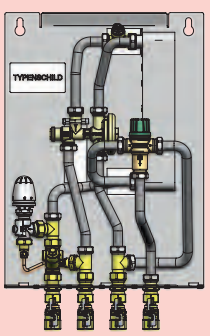
Hydraulic interface unit Slovakia NT/HT with circulation
Decentralised water heater with floor heating connection and radiator outlet

Model		Order number	Sale Unit	€
	**HIU Slovakia NT/HT with circulation**, compact hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating and radiator outlet. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor. Consisting of: • Copper-soldered asymmetrical stainless steel plate heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature • Constant readiness for hot water production even in summer, operating mode due to temperature-regulated bypass switching, permanently set to 45 °C • Cold water meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Heat meter adapter 110 mm – G 3/4" made of dezincification-resistant brass, also suitable for continuous operation • Strainer with fine mesh in primary supply line • Fixed value control with setting range 20 °C – 50 °C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Differential pressure controller with integrated control valve, shut off valve and zone valve in the secondary circuit • Circulation • Additional radiator outlet • Zone valve TS-E with actuating drive • Empty weight model: 21.5 kg • Connection: Male thread 3/4" flat sealing • Nominal pressure: 10 bar • Max. supply temperature: 70 °C • Min. flow pressure mains cold water: 2.8 bar •Tap quantity: 18 l/min • Circulation pump space heating: Wilo Para RS 15/6 (SCU) or similar • Circulation pump domestic hot water: Wilo Star-Z NOVA or similar • Cover wide: 1 **4021** 87 • Flush-mounted box wide: 1 **4021** 97 • Door and frame wide: 1 **4021** 99	1 **4021** 84	**1**	
	18 l/min as 1 **4021** 84, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 80	**1**	
	22 l/min as 1 **4021** 84, but 22 l/min	1 **4024** 85	**1**	
	22 l/min as 1 **4021** 85, but 3-point geared motor 230 V/AC for weather-driven control instead of fixed value control with thermostat.	1 **4021** 81	**1**	

Accessories for HERZ HIU Slovakia

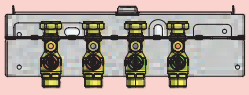
Model		Order number	Sale Unit	€
	**Cover narrow** Suitable for: • HIU Slovakia NT • HIU Slovakia NT with circulation	1 **4021** 86	**1**	
	**Flush box narrow** Suitable for: • HIU Slovakia NT • HIU Slovakia NT with circulation	1 **4021** 96	**1**	
	**Door and frame narrow** Suitable for: • HIU Slovakia NT • HIU Slovakia NT with circulation	1 **4021** 98	**1**	
	**Cover wide** Suitable for: • HIU Slovakia NT/HT • HIU Slovakia NT/HT with circulation	1 **4021** 87	**1**	
	**Flush box wide** Suitable for: • HIU Slovakia NT/HT • HIU Slovakia NT/HT with circulation	1 **4021** 97	**1**	
	**Door and frame wide** Suitable for: • HIU Slovakia NT/HT • HIU Slovakia NT/HT with circulation	1 **4021** 99	**1**	
	**Adapter 80 mm** for hot and cold water meters with 80 mm installation length	1 **4022** 00	**1**	

Continuous-flow water heater *
Decentralised water heater

Model		Order number	Sale Unit	€
	HERZ continuous-flow water heater DELUXE, compact hydraulic interface unit for hot water production by the continuous flow principle. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor. Consisting of: • Copper-soldered asymmetrical stainless steel counter current heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature • Scalding protection with built-in HERZ drinking water mixing valve • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45 °C • Strainer with fine mesh in primary supply line Max. operating temperature 80 °C, Max. operating pressure 10 bar, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50 °C), Heat exchanger output 42 kW, Max. differential pressure 2 bar Accessories to be ordered separately: - HERZ pre-installation bracket 1 **4008** 05 - HERZ flush box 1 **4008** 07 - HERZ surface mount cover 1 **4008** 09	1 **4008** 11	**1**	
	HERZ continuous-flow water heater STANDARD, compact hydraulic interface unit for hot water production by the continuous flow principle. Installation as flush version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit takes place via the installed ball valves. Option to connect from the floor. Consisting of: • Copper-soldered asymmetrical stainless steel counter current heat exchanger • HERZ pressure and temperature controller for central regulation of the hot water temperature • Scalding protection with built-in HERZ drinking water mixing valve • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45 °C • Strainer with fine mesh in primary supply line Max. operating temperature 80 °C, Max. operating pressure 10 bar, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50 °C), Heat exchanger output 42 kW, Max. differential pressure 2 bar Accessories to be ordered separately: - HERZ flush box 1 **4008** 07 - HERZ surface mount cover 1 **4008** 09	1 **4008** 13	**1**	

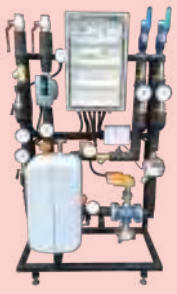
***Not available for Austria.**

Accessories for HERZ continuous-flow water heaters*

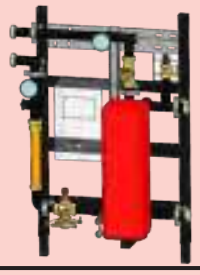
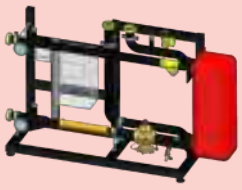
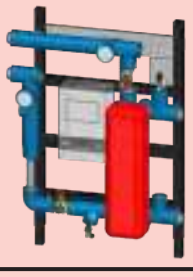
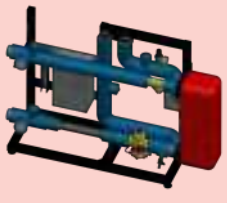
Model		Order number	Sale Unit	€
	**HERZ flush box for HERZ continuous-flow water heater with front frame and front door (white, powder-coated RAL 9016)** Suitable for: • HERZ continuous-flow water heater DELUXE • HERZ continuous-flow water heater STANDARD	1 **4008** 07	**1**	
	**HERZ cover for HERZ continuous-flow water heater (white, powder-coated RAL 9016)** Suitable for: • HERZ continuous-flow water heater DELUXE • HERZ continuous-flow water heater STANDARD	1 **4008** 09	**1**	
	**HERZ pre-installation bracket for HERZ continuous-flow water heater** Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: • HERZ continuous-flow water heater DELUXE	1 **4008** 05	**1**	

***Not available for Austria.**

Heating substation

Model		P kW	Order number	Sale Unit	€
	**District heating substation** with counter current heat exchanger for processing of heating water from district heating systems (primary side) and delivery to low-temperature building systems (secondary side). The water flow is controlled with a two-port control valve by a microprocessor controller. Adapter for heat meter installed on primary side. Secondary pump speed-controlled, converter station with expansion tank on secondary side. Temperature primary to 140 °C Temperature secondary: 90 °C Operating pressure primary: PN 16 Operating pressure secondary: PN 6.	to 300	F **8800** 01	1	
		to 600	F **8800** 02	1	
		to 1000	F **8800** 03	1	

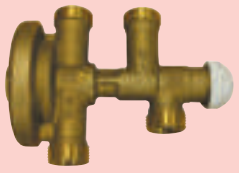
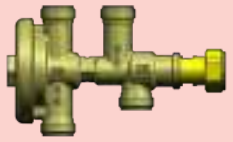
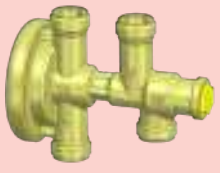
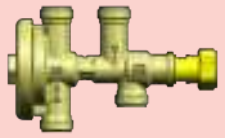
District heating substation compact

Model		P kW	Order number	Sale Unit	€
	**District heating substation compact** with brazed stainless steel plate heat exchanger for transferring heating water from district heating systems (primary system) to building installations (secondary system). The primary flow rate is regulated via a pressure independent control valve with an optional geared motor. A spool piece for a heat meter is installed in the return flow. The secondary side is equipped with a safety valve (3 bar). The station is mounted vibration-free on a steel frame, with piping made of seamless boiler tube. Temperature primary: 85/52 °C Temperature secondary: 70/50 °C Operating pressure primary: PN 16 Operating pressure secondary: PN 3. To be ordered separately: - controller D **H499** 30 - geared motor e.g. 1 **7708** 41 (3-point / 230 V), suitable for controller D **H499** 30	16	D **H409** 01	1	
		32	D **H409** 02	1	
		47	D **H409** 03	1	
		63	D **H409** 04	1	
		78	D **H409** 05	1	
		93	D **H409** 06	1	
		108	D **H409** 07	1	
		122	D **H409** 08	1	
		135	D **H409** 09	1	
		148	D **H409** 10	1	
		172	D **H409** 11	1	
		194	D **H409** 12	1	
		213	D **H409** 13	1	
	As above, but with insulation To be ordered separately: - controller D **H499** 30 - geared motor e.g. 1 **7708** 41 (3-point / 230 V), suitable for controller D **H499** 30	16	D **H410** 01	1	
		32	D **H410** 02	1	
		47	D **H410** 03	1	
		63	D **H410** 04	1	
		78	D **H410** 05	1	
		93	D **H410** 06	1	
		108	D **H410** 07	1	
		122	D **H410** 08	1	
		135	D **H410** 09	1	
		148	D **H410** 10	1	
		172	D **H410** 11	1	
		194	D **H410** 12	1	
		213	D **H410** 13	1	

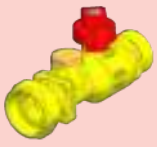
Accessories for district heating substation compact

Model		Order number	Sale Unit	€
	**Control unit SCHNEID** - for controlling the district heating substation; - prepared for controlling a mixed heating circuit (3-point actuator, 230 V; sensor and actuator must be ordered separately); - prepared for controlling an direct heating circuit (230 V; sensor must be ordered separately); - expandable with the HK08 STANDARD heating circuit module or the MR12 AIN add-on board. Unit includes: MR12 control panel; MR12 basic terminal board AKP with 5 plug-in modules; HK08 STANDARD heating circuit module; CM12 communication base module; CM-MBM plug-in card module; CM-422 plug-in card module; MIDI housing with door (32.5 × 21 × 12 cm); outdoor sensor with plastic housing (D **H499** 11); 3 × immersion sensors, 2 m long (D **H499** 10); 6 × PG cable glands pre-installed in the housing (4 on the bottom, 2 on the right); fully wired.	D **H499** 30	1	
	**Heating circuit module HK08 STANDARD 40 x 100 x 24 mm, incl. 10-pin ribbon cable, standard length 800 mm** Module for an additional 3-point mixer heating circuit (230 V), protection class: IP20, operating voltage: 12 V DC, max. rated current per output: 2 A continuous current // max. 15 A inrush current	D **H499** 31	1	
	**MR12 AIN add-on board without plug-in modules, 55 x 100 x 24 mm** 8 analog inputs (AI): 0–10 V or 4 analog outputs (AO): 0–10 V and 3 digital outputs (DO): 12 V, protection class: IP00, operating voltage: 12 V DC	D **H499** 32	1	
	**PT1000 immersion sensor** Sleeve diameter 6 mm, nominal sensor length 6 x 50 mm, cable length 2 m; protection class: IP65; Measuring range -50...+200 °C	D **H499** 10	1	
	**PT1000 outdoor sensor, 3 x 66 x 50 mm** IEC/EN protection rating: IP65; IEC/EN protection class: III safety extra-low voltage (SELV); measuring range: -35...50 °C; max. ambient humidity 95% r.h., non-condensing; cable entry: cable gland with strain relief Ø 6...8 mm; electrical connection: plug-in spring-loaded terminal, max. 2.5 mm²	D **H499** 11	1	
	**PT1000 contact sensor** Cable length: 2 m, protection class: IP54; measuring range: -30...+180 °C	D **H499** 12	1	
	**Retrofit frame,** suitable for D **H409** 01 - D **H409** 05, D **H410** 01 - D **H410** 05	D **H409** 20	1	
	**HERZ geared motor 3-point** Adapter M 28 x 1.5 colour red integrated, 230 V, stroke distance max. 8.5 mm, max. actuation force 200 N.	1 **7708** 41	1	

Spare parts for HERZ hydraulic interface units and HERZ continuous-flow water heaters

Model		Order number	Sale Unit	€
	**Patented pressure and temperature controller for central regulation of the hot water temperature** Control valve, independent without external energy for regulation of the hot water temperature at hot water tapping points in decentralised continuous flow systems. Temperature control via thermostat with contact sensor, thermostat must be ordered separately. Max. operating pressure 10 bar. Max. operating temperature 90 °C.	1 **4008** 00	**1**	
	**Patented pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit** Control valve, independent without external energy for regulation of the hot water temperature at hot water tapping points in decentralised continuous flow systems. Temperature control via thermostat with contact sensor, thermostat must be ordered separately. Max. operating pressure 10 bar. Max. operating temperature 90 °C. (for HIU Salzburg NT/HT / HIU Salzburg NT / HIU Salzburg HT)	1 **4008** 60	**1**	
	**HERZ thermostat with contact sensor or immersion sensor 52 °C** Threaded connection M 28 x 1.5, Thermostatic head with liquid sensor (hydrosensor), capillary tube, pipe contact sensor, also suitable as an immersion sensor.	1 **9421** 28	**1**	
	**Compression adapter for sensor mounting of the thermostatic head 1 9421 28** when used as an immersion sensor, consisting of union nut G 1/2, olive Ø 11 mm and O-ring. (for HIU FWW)	1 **6313** 02	**1**	
	**HERZ drinking water mixing valve for HIU** with outlet to the side, 3 x MT 3/4" Enables Legionella flushing. Factory setting of the mixing temperature permanently set to 50 °C Mixing precision ± 2 °C Maximum inlet temperature 85 °C Maximum operating pressure 10 bar.	2 **7766** 40	**1**	
	**Pressure and temperature controller with hot water priority** Suitable for: • HIU Renova	1 **4019** 99	**1**	
	**Pressure and temperature controller** Suitable for: • HIU Slovakia	1 **4029** 06	**1**	
	**Pressure and temperature controller with hot water priority** for central regulation of the hot water temperature with integrated hot water priority circuit. Control valve, independent without external energy for regulating the hot water temperature at hot water tapping points in decentralised continuous flow systems. (for HIU Compact)	1 **4008** 66	**1**	

Spare parts for HERZ hydraulic interface units and HERZ continuous-flow water heaters

Model		Order number	Sale Unit	€
	**Ball valve DN 15 MT 3/4" flat sealing with red T-handle** Suitable for: • HIU flex	1 **4019** 73	**10**	
	**Ball valve DN 15 MT 3/4" flat sealing with green T-handle** Suitable for: • HIU flex	1 **4019** 83	**10**	
	**Ball valve DN 15 MT 3/4" flat sealing with red T-handle** Suitable for: • HIU Compact	1 **4019** 94	**10**	
	**Ball valve DN 15 MT 3/4" flat sealing with green T-handle** Suitable for: • HIU Compact	1 **4019** 95	**10**	
	**Strainer insert for HERZ strainer** with fine mesh filter of chrome-nickel steel	1 **6386** 32	**1**	
	**Pressure and temperature controller** for central regulation of the hot water temperature with integrated hot water priority circuit. Control valve, independent without external energy for regulating the hot water temperature at hot water tapping points in decentralised continuous flow systems. (for HIU compact WP version and HIU flex)	1 **4008** 67	**1**	
	**Return temperature limiter (summer bypass)** Control of the return temperature in the HIU between 25 °C - 60 °C. Limited at 45 °C.	1 **9201** 06	**1**	
 **4002-FIX-TS**	**HERZ differential pressure controller 4002 FIX TS 50 kPa** Differential pressure 50 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15, flat sealing, with integrated actuating element for 2-point drives. Threaded connection for drive M 28 x 1.5; 4 mm stroke, drives, screw connections and compression adapters must be ordered separately.	1 **6319** 03	**1**	
	HERZ differential pressure controller 4002 FIX TS 23 kPa Differential pressure 23 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15, flat sealing, with integrated actuating element for 2-point drives. Threaded connection for drive M 28 x 1.5; 4 mm stroke, drives, screw connections and compression adapters must be ordered separately.	1 **6319** 02	**1**	
	HERZ differential pressure controller 4002 FIX TS 13 kPa Differential pressure 13 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 with cone, with integrated actuating element for 2-point drives. Threaded connection for drive M 28 x 1.5; 4 mm stroke, drives, screw connections and compression adapters must be ordered separately.	1 **4002** 11	**1**	

Spare parts for HERZ hydraulic interface units and HERZ continuous-flow water heaters

Model		Order number	Sale Unit	€
 4002-FIX	**HERZ differential pressure controller 4002 FIX 50 kPa** Differential pressure 50 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15, flat sealing, screw connections and compression adapters must be ordered separately.	1 **4002** 59	**1**	
	**Replacement pump Para RS 15/6 (SCU)** Wet-running high-efficiency circulating pump with electronic speed control for pipe installation. Pump body of grey cast iron. Integrated venting function. Mains connection: 230 V~ Protection class: IP X4D Length: 130 mm Medium temperature range heating/cooling: 0 to 110 °C depending on the ambient temperature Threaded connection: 1"	3 **E531** 00	**1**	
	Heat exchanger for hot water production (E8LASHx42).	1 **4018** 47	**1**	
	Heat exchanger for hot water production (E8LASHx70).	1 **4027** 70	**1**	
	Heat exchanger on heating side (E5THx10).	1 **4018** 48	**1**	
	Actuating key for pre-installation brackets.	1 **4022** 36	**1**	
	**Contact thermostat with external adjustment** Contact thermostat with changeover contact, adjustment range 10 °C – 90 °C, switching hysteresis 6+/-2 K, IP40, suitable for 250 VAC (max. 16(4) A) and 400 VAC (max. 6(1) A)	1 **8100** 00	**1**	
	**HERZ differential pressure controller set, setting range 25–60 kPa** Suitable for: • HIU Salzburg	1 **4024** 19	**1**	
	**HERZ drinking water mixing valve** with outlet downwards, 3 x MT 3/4" Enables Legionella flushing. Factory setting of the mixing temperature permanently set to 50 °C Mixing precision ± 2 °C Maximum inlet temperature 85 °C Maximum operating pressure 10 bar (Suitable for: • HIU Guildford • HIU Stockholm	2 **7766** 46	**1**	



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Distribution

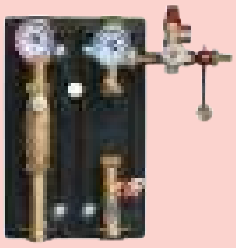
PUMPFIX COMPACT stations DN 20

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX COMPACT with 2 speed-controlled pumps WILO PARA** - Model: DIRECT / MIX; - Time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 130 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply, Ball valves with integrated thermometer and check valve for return; - Combined Manifold–Separator Module made of powder-coated steel (black); - Switchable between pressurised and non-pressurised manifold operation; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63); - Primary side G 3/4": distance between flow and return – 270 mm; - Secondary side G 1": distance between flow and return – 90 mm; - Max. operating pressure: 4 bar; - Max. operating temperature: 110 °C; - Short-term load: 120 °C < 15 s.	**4.9**	**20**	1 **4523** 01	**1**	
	as above, but without pump.	**4.9**	**20**	1 **4523** 02	**1**	
	**PUMPFIX COMPACT with 2 speed-controlled pumps WILO PARA** - Model: MIX / MIX; - Time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 130 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply, Ball valves with integrated thermometer and check valve for return; - Combined Manifold–Separator Module made of powder-coated steel (black); - Switchable between pressurised and non-pressurised manifold operation; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63), - Primary side G 3/4": distance between flow and return – 270 mm; - Secondary side G 1": distance between flow and return – 90 mm; - Max. operating pressure: 4 bar; - Max. operating temperature: 110 °C; - Short-term load: 120 °C < 15 s.	**4.9**	**20**	1 **4523** 03	**1**	
	as above, but without pump.	**4.9**	**20**	1 **4523** 04	**1**	
	**PUMPFIX COMPACT with 2 speed-controlled pumps WILO PARA** - Model: DIRECT / DIRECT; - Time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 130 mm; - With thermal insulation; - Direct connection between the heat generator and the heating circuit; - Ball valves with integrated thermometer for supply, Ball valves with integrated thermometer and check valve for return; - Combined Manifold–Separator Module made of powder-coated steel (black); - Switchable between pressurised and non-pressurised manifold operation; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63); - Primary side G 3/4": distance between flow and return – 270 mm; - Secondary side G 1": distance between flow and return – 90 mm; - Max. operating pressure: 4 bar; - Max. operating temperature: 110 °C; - Short-term load: 120 °C < 15 s.	**4.9**	**20**	1 **4523** 05	**1**	
	as above, but without pump.	**4.9**	**20**	1 **4523** 06	**1**	

PUMPFIX stations DN 20 - DN 25 - DN 32

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX DIRECT without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 and 32); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer with check valve; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**7.8**	**20**	1 **4514** 11	**1**	
		20	**25**	1 **4510** 25	**1**	
		28	**32**	1 **4514** 21	**1**	
	**PUMPFIX DIRECT with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 and 32); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer with check valve; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**7.8**	**20**	1 **4514** 12	**1**	
		20	**25**	1 **4510** 26	**1**	
		28	**32**	1 **4514** 22	**1**	
	as above, but with **pump IMP NMT MINI**	**7.8**	**20**	1 **4510** 22	**1**	
	as above, but with **pump IMP NMT MINI**	**20**	**25**	1 **4510** 29	**1**	
	as above, but with **pump IMP NMT MINI**	**28**	**32**	1 **4510** 98	**1**	
	**PUMPFIX MIX without pump, mixing motor 230 V / 3-point** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 and 32); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer with check valve; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63). Mixing valve with DN 25 with manually-adjustable bypass; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**20**	1 **4514** 14	**1**	
		6.3	**20**	1 **4514** 15	**1**	
		4	**25**	1 **4511** 44	**1**	
		6.3	**25**	1 **4511** 45	**1**	
		10	**25**	1 **4511** 46	**1**	
		10	**32**	1 **4514** 24	**1**	
		16	**32**	1 **4514** 25	**1**	

PUMPFIX stations DN 20 - DN 25 - DN 32

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX MIX with speed-controlled pump WILO PARA, mixing motor 230 V / 3-point** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 und 32); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer with check valve; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63). Mixing valve with DN 25 with manually-adjustable bypass; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**20**	1 **4514** 16	**1**	
		6.3	**20**	1 **4514** 17	**1**	
		4	**25**	1 **4511** 47	**1**	
		6.3	**25**	1 **4511** 48	**1**	
		10	**25**	1 **4511** 49	**1**	
		10	**32**	1 **4514** 26	**1**	
		16	**32**	1 **4514** 27	**1**	
	as above, but with **pump IMP NMT MINI**	**4**	**20**	1 **4510** 96	**1**	
	as above, but with **pump IMP NMT MINI**	**6.3**	**20**	1 **4510** 97	**1**	
	as above, but with **pump IMP NMT MINI**	**4**	**25**	1 **4511** 24	**1**	
	as above, but with **pump IMP NMT MINI**	**6.3**	**25**	1 **4511** 25	**1**	
	as above, but with **pump IMP NMT MINI**	**10**	**25**	1 **4511** 26	**1**	
	as above, but with **pump IMP NMT MINI**	**10**	**32**	1 **4510** 99	**1**	
	as above, but with **pump IMP NMT MINI**	**16**	**32**	1 **4511** 00	**1**	
	**PUMPFIX SOLAR without pump** - Inexpensive, time- and space-saving heating circuit connection, - Pre-installed connection system for pumps with length 130 mm, - With thermal insulation, - Ball valves with integrated thermometer for supply and return and check valve, - Spacer with venting, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C, briefly 120 °C, - Max. operating pressure: 10 bar, - Temperature measurement range: 0 °C to 120 °C, - Safety group with draining valve, manometer 0-10 bar and pressure relief safety valve 6 bar.		**20**	1 **4513** 02	**1**	
	**PUMPFIX SOLAR with speed-controlled pump WILO PARA STG** - Inexpensive, time- and space-saving heating circuit connection, - Pre-installed connection system for pumps with length 130 mm, - With thermal insulation, - Ball valves with integrated thermometer for supply and return and check valve, - Spacer with venting, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C, briefly 120 °C, - Max. operating pressure: 10 bar, - Temperature measurement range: 0 °C to 120 °C, - Safety group with draining valve, manometer 0-10 bar and pressure relief safety valve 6 bar.		**20**	1 **4513** 12	**1**	

PUMPFIX stations DN 20 - DN 25 - DN 32

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX SOLAR Easy without pump** - Inexpensive, time- and space-saving solar circuit connection, - Pre-installed connection system for pumps with length 130 mm, - With thermal insulation, - Ball valves with integrated thermometer for supply and check valve, - Spacer with adjustable flow indicator (4-24 l/min) and draining valve, - Max. operating temperature: 110 °C, briefly 120 °C, - Max. operating pressure: 10 bar, - Temperature measurement range: 0 °C to 120 °C, - Safety group with draining valve, manometer 0-10 bar and pressure relief safety valve 6 bar.		**20**	1 **4511** 82	**1**	
	**PUMPFIX SOLAR Easy with speed-controlled pump WILO PARA STG** - Inexpensive, time- and space-saving solar circuit connection, - Pre-installed connection system for pumps with length 130 mm, - With thermal insulation, - Ball valves with integrated thermometer for supply and check valve, - Spacer with adjustable flow indicator (4-24 l/min) and draining valve, - Max. operating temperature: 110 °C, briefly 120 °C, - Max. operating pressure: 10 bar, - Temperature measurement range: 0 °C to 120 °C, - Safety group with draining valve, manometer 0-10 bar and pressure relief safety valve 6 bar.		**20**	1 **4511** 81	**1**	
	**PUMPFIX CONSTANT without pump** - Inexpensive, time- and space-saving heating circuit connection, - Pre-installed connection system for pumps with length 180 mm, - With thermal insulation, - Ball valves with integrated thermometer for supply and return, - Spacer with check valve, - Mixing valve with thermostatic head and contact sensor, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C, - Max. operating pressure: 10 bar, - Temperature measurement range: 0 °C to 120 °C.	**2.6**	**25**	1 **4514** 07	**1**	
	**PUMPFIX CONSTANT with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection, - Pre-installed connection system for pumps with length 180 mm, - With thermal insulation, - Ball valves with integrated thermometer for supply and return, - Spacer with check valve, - Mixing valve with thermostatic head and contact sensor, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C, - Max. operating pressure: 10 bar, - Temperature measurement range: 0 °C bis 120 °C.	**2.6**	**25**	1 **4514** 08	**1**	
	as above, but with **pump IMP NMT MINI**	**2.6**	**25**	1 **4514** 06	**1**	

PUMPFIX BASIC stations DN 20 - DN 25 - DN 32

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX BASIC DIRECT without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**20**	**25**	1 **4510** 70	**1**	
		28	**32**	1 **4510** 80	**1**	
	**PUMPFIX BASIC DIRECT with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**20**	**25**	1 **4510** 71	**1**	
		28	**32**	1 **4510** 81	**1**	
	**PUMPFIX BASIC MIX without pump, mixing motor 230 V / 3-point** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63). Mixing valve with DN 25 with manually-adjustable bypass; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4510** 72	**1**	
		6.3	**25**	1 **4510** 73	**1**	
		10	**25**	1 **4510** 74	**1**	
		10	**32**	1 **4510** 82	**1**	
		16	**32**	1 **4510** 83	**1**	
	**PUMPFIX BASIC MIX with speed-controlled pump WILO PARA, mixing motor 230 V / 3-point** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63). Mixing valve with DN 25 with manually-adjustable bypass); - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4510** 75	**1**	
		6.3	**25**	1 **4510** 76	**1**	
		10	**25**	1 **4510** 77	**1**	
		10	**32**	1 **4510** 84	**1**	
		16	**32**	1 **4510** 85	**1**	

PUMPFIX BASIC stations DN 20 - DN 25 - DN 32

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX BASIC MIX without pump, mixing motor 230 V / 3-point** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve; - Mixing valve with actuator 24 V AC / DC, control signal 0-10 V (1 **7712** 57). Mixing valve with DN 25 with manually-adjustable bypass; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4510** 60	**1**	
		6.3	**25**	1 **4510** 61	**1**	
		10	**25**	1 **4510** 62	**1**	
		10	**32**	1 **4510** 63	**1**	
		16	**32**	1 **4510** 64	**1**	
	**PUMPFIX BASIC CONSTANT without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve; - Mixing valve with thermostatic head and contact sensor; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**2.6**	**25**	1 **4510** 78	**1**	
	**PUMPFIX BASIC CONSTANT with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve; - Mixing valve with thermostatic head and contact sensor; - Spacing between supply and return: 125 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**2.6**	**25**	1 **4510** 79	**1**	

PUMPFIX SMARTCONTROL PLUS stations DN 25 - DN 32

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX SMARTCONTROL PLUS BASIC without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve, - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 01). - with integrated controller for weather-compensated flow temperature control for heating and/or cooling, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 02	**1**	
		6.3	**25**	1 **4522** 03	**1**	
		10	**25**	1 **4522** 04	**1**	
		10	**32**	1 **4522** 08	**1**	
		16	**32**	1 **4522** 09	**1**	
	**PUMPFIX SMARTCONTROL PLUS BASIC with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve, - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 01). - with integrated controller for weather-compensated flow temperature control for heating and/or cooling, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 05	**1**	
		6.3	**25**	1 **4522** 06	**1**	
		10	**25**	1 **4522** 07	**1**	
		10	**32**	1 **4522** 10	**1**	
		16	**32**	1 **4522** 11	**1**	
	**PUMPFIX SMARTCONTROL PLUS without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 01). - with integrated controller for weather-compensated flow temperature control for heating and/or cooling, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 12	**1**	
		6.3	**25**	1 **4522** 13	**1**	
		10	**25**	1 **4522** 14	**1**	
		10	**32**	1 **4522** 18	**1**	
		16	**32**	1 **4522** 19	**1**	
	**PUMPFIX SMARTCONTROL PLUS with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 01). - with integrated controller for weather-compensated flow temperature control for heating and/or cooling, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 15	**1**	
		6.3	**25**	1 **4522** 16	**1**	
		10	**25**	1 **4522** 17	**1**	
		10	**32**	1 **4522** 20	**1**	
		16	**32**	1 **4522** 21	**1**	

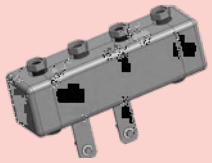
PUMPFIX SMARTCONTROL stations DN 25 - DN 32

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX SMARTCONTROL BASIC without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve, - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 00). - with integrated controller for constant return temperature, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 40	**1**	
		6.3	**25**	1 **4522** 41	**1**	
		10	**25**	1 **4522** 42	**1**	
		10	**32**	1 **4522** 46	**1**	
		16	**32**	1 **4522** 47	**1**	
	**PUMPFIX SMARTCONTROL BASIC with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer of powder coated steel (black); - Check valve, - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 00). - with integrated controller for constant return temperature, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 43	**1**	
		6.3	**25**	1 **4522** 44	**1**	
		10	**25**	1 **4522** 45	**1**	
		10	**32**	1 **4522** 48	**1**	
		16	**32**	1 **4522** 49	**1**	
	**PUMPFIX SMARTCONTROL without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 00). - with integrated controller for constant return temperature, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 50	**1**	
		6.3	**25**	1 **4522** 51	**1**	
		10	**25**	1 **4522** 52	**1**	
		10	**32**	1 **4522** 56	**1**	
		16	**32**	1 **4522** 57	**1**	
	**PUMPFIX SMARTCONTROL with speed-controlled pump WILO PARA** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 180 mm; - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - "Plug & Play" installation of the motor actuator, - Mixing valve with actuator 230 V, 3-point (1 **4522** 00). - with integrated controller for constant return temperature, - Spacing between supply and return: 125 mm, - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**4**	**25**	1 **4522** 53	**1**	
		6.3	**25**	1 **4522** 54	**1**	
		10	**25**	1 **4522** 55	**1**	
		10	**32**	1 **4522** 58	**1**	
		16	**32**	1 **4522** 59	**1**	

Accessories for PUMPFIX DN 20 - DN 25 - DN 32

Model		DN	Order number	Sale unit	€
	**PUMPFIX overflow valve** for PUMPFIX stations DIRECT, MIX or CONSTANT for installation between the supply and return. Setting range: 0 to 0.5 bar.	**20**	1 **4514** 99	**1**	
	**HERZ hydraulic switch** of sheet steel: - With thermal insulation; - Connection supply MT G 5/4"; - Connection pump group, nut FT G 6/4"; - Max. operating temperature 110 °C; - Max. operating pressure 4 bar; - Max. flow rate 3 m^3/h - Compatible with PUMPFIX distributor DN 25 or direct mounting of PUMPFIX DN 32; - mounting of PUMPFIX DN 25 with adapter 1 **4510** 51, adapter to be ordered separately.	**25**	1 **4513** 53	**1**	
	**HERZ hydraulic switch** of sheet steel: - With thermal insulation; - Connections supply MT G 2"; - Connections secondary MT G 2"; - Max. operating temperature110 °C; - Max. operating pressure 4 bar; - Max. flow rate 7 m^3/h - Compatible with PUMPFIX distributor DN 32, pipes and compression adapter to be ordered separately.	**32**	1 **4513** 54	**1**	
	**PUMPFIX distributor for two pump groups** - of sheet steel with two-chamber system; - Connections supply MT G 6/4"; - Connections pump group, nut FT G 5/4"; - Max. operating temperature 110 °C; - Max. operating pressure 4 bar; - Max. flow rate 3 m^3/h, incl. fastening material and thermal insulation.	**25**	1 **4501** 11	**1**	
	as above, but **for three pump groups**	**25**	1 **4501** 12	**1**	
	as above, but **for four pump groups**	**25**	1 **4501** 13	**1**	
	as above, but **for five pump groups**	**25**	1 **4501** 14	**1**	
	**PUMPFIX distributor for two pump groups** - of sheet steel with two-chamber system; - Connection supply MT G 2"; - Connection pump group, nut FT G 6/4"; - Max. operating temperature 110 °C; - Max. operating pressure 4 bar; - Max. flow rate 7 m^3/h, incl. fastening material and thermal insulation.	**32**	1 **4501** 30	**1**	
	as above, but **for three pump groups**	**32**	1 **4501** 31	**1**	
	as above, but **for four pump groups**	**32**	1 **4501** 32	**1**	
	as above, but **for five pump groups**	**32**	1 **4501** 33	**1**	

Accessories for PUMPFIX DN 20 - DN 25 - DN 32

Model		DN	Order number	Sale unit	€
	**PUMPFIX pressure-free distributor with compensation chamber for two pump groups DN 25** for use with a feed pump: - of sheet steel; - Connection supply MT G 6/4"; - Connection pump group, nut FT G 5/4"; - Max. operating temperature 110 °C; - Max. operating pressure 6 bar; - Max. flow rate 3 m^3/h, incl. fastening material and thermal insulation.	**25**	1 **4513** 57	**1**	
	as above, but **for three pump groups DN 25**	**25**	1 **4513** 58	**1**	
	as above, but **for four pump groups DN 25**	**25**	1 **4513** 59	**1**	
	**Set for wall mounting** consisting of: 2 mounting brackets, 4 plastic plugs, 4 screws and 4 nuts for wall mounting of distributor as well as 2 M12 nuts and 2 washers to assemble the distributor on the mount.	**25**	1 **4513** 93	**1**	
		32	1 **4513** 94	**1**	
	**Adapter for PUMPFIX G 1" - G 1 1/4"** with freely rotating union nut G 1 1/4", including flat seal		1 **4501** 36	**1**	
	Adapter for PUMPFIX G 1 1/4" - G 1 1/4" with freely rotating union nut G 1 1/4", including flat seal		1 **4501** 37	**1**	
	Adapter for PUMPFIX G 1 1/2" - G 1 1/2" with freely rotating union nut G 1 1/2", including flat seal		1 **4501** 38	**1**	
	**Thermometer for PUMPFIX**	**rot**	1 **2201** 91	**25**	
		blau	1 **2201** 90	**25**	
	**Thermometer for PUMPFIX Solar**	**rot**	1 **2201** 93	**25**	
		blau	1 **2201** 92	**25**	
	**Adapter-Fastening Set** enables assembly of the pump group DN 25 to the distributor DN 32 (only for stainless steel manifolds) or direct mounting on the hydraulic separator DN 25 (1 **4513** 53). The set includes also 2 flat seals. Material of adapter: brass, material of flat seals: EPDM Above: 1 - 1/4" female thread, below: 1 - 1/2" male thread		1 **4510** 51	**20**	
	**Flat seals for PUMPFIX** Set contains 2 flat seals for sealing between distributor and pump group. Material: EPDM	**25**	1 **4510** 52	**25**	
		32	1 **4510** 53	**25**	

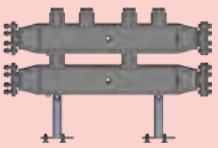
Accessories for PUMPFIX DN 20 - DN 25 - DN 32

Model		Order number	Sale unit	€
	**HERZ actuator 230 V / 3-point** Two-part housing of self-extinguishing plastic, lower part black and upper part red. The drive is fastened to the mixing valve using a single screw. The supplied pin protects against twisting. The installation orientation can be chosen freely in 90° steps. The rotation angle is limited to 90°. Upon reaching the end stops, the drive is electrically switched off and thereby deenergised. Controlled by a 3-point actuator 230 V, 90 °C, 10 Nm, 140 sec. Including adapter set 1 **7712** 67	1 **7712** 63	**1**	
	**HERZ actuator 24 V AC/DC / 0-10 V** Two-part housing of self-extinguishing plastic, lower part black and upper part red. The drive is fastened to the mixing valve using a single screw. The supplied pin protects against twisting. The installation orientation can be chosen freely in 90° steps. The rotation angle is limited to 90°. Upon reaching the end stops, the drive is electrically switched off and thereby deenergised. Actuator 24 V AC / DC, 90 °C, 10 Nm, 140 sec, control signal 0...10 V. Including adapter set 1 **7712** 67	1 **7712** 57	**1**	
	**Spare part for HERZ actuator** **HERZ adapter set** Adapter set for mounting HERZ actuators 1 **7712** 63 / 57 on HERZ three-port valve in PUMPFIX MIX / PUMPFIX Basic MIX.	1 **7712** 67	**1**	
	**Connection set of flexible pipe and fastening clip (for PUMPFIX SOLAR)** for the mounting of pressure expansion vessels up to 35 litres. Flexible pipe DN 16, 500 mm, union nut 3/4" on both sides, flat sealing, Console, wall pipe center 220 mm, 3/4" male thread on both sides, flat sealing connection possible. Console suitable for direct assembly of 1 **2205** 02, ball valve for expanion tank connection DN 20.	1 **4513** 30	**1**	
	**HERZ SMARTCONTROL PLUS Controller 230 V / 3-point** Suitable for pump group PUMPFIX SMARTCONTROL PLUS, with integrated controller for weather-compensated flow temperature control for heating and/or cooling. Torque 6 Nm, operating time of motor 120 s / 90°, protection class IP42, power consumption in operation 3,5 W.	1 **4522** 01	**1**	
	**HERZ SMARTCONTROL Controller 230 V / 3-point** Suitable for pump group PUMPFIX SMARTCONTROL, torque 5 Nm, operating time of motor 120 s / 90°, protection class IP42, power consumption in operation max. 3,5 W, with integrated controller for constant return temperature.	1 **4522** 00	**1**	

PUMPFIX stations DN 40 - DN 50

Model		kvs	DN	Order number	Sale unit	€
	**PUMPFIX DIRECT without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 240 mm (DN 40) or 280 mm (DN 50); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer; - Check valve; - Spacing between supply and return: 180 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**26.4**	**40**	1 **4510** 05	**1**	
		38	**50**	1 **4510** 06	**1**	
	**PUMPFIX DIRECT with speed-controlled pump WILO Stratos MAXO** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 220 mm (DN 40) or 280 mm (DN 50); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer; - Check valve; - Spacing between supply and return: 180 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**26,4**	**40**	1 **4510** 15	**1**	
		38	**50**	1 **4510** 16	**1**	
	**PUMPFIX MIX without pump** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 240 mm (DN 40) or 280 mm (DN 50); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer; - Check valve; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63); - Spacing between supply and return: 180 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**19.8**	**40**	1 **4511** 78	**1**	
		29.5	**50**	1 **4511** 79	**1**	
	**PUMPFIX MIX with speed-controlled pump WILO Stratos MAXO** - Inexpensive, time- and space-saving heating circuit connection; - Pre-installed connection system for pumps with length 220 mm (DN 40) or 280 mm (DN 50); - With thermal insulation; - Ball valves with integrated thermometer for supply and return; - Spacer; - Check valve; - Mixing valve with actuator 230 V AC, 3-point (1 **7712** 63); - Spacing between supply and return: 180 mm; - Max. operating temperature: 110 °C; - Max. operating pressure: 10 bar; - Temperature measurement range: 0 °C to 120 °C.	**19.8**	**40**	1 **4511** 71	**1**	
		29.5	**50**	1 **4511** 72	**1**	

Accessories for PUMPFIX DN 40 - DN 50

Model		DN	Order number	Sale unit	€
	**PUMPFIX distributor for two pump groups DN 40 or DN 50** - of sheet steel with two-chamber system; - Connection supply, flange DN 80 / PN 10; - Connection pump group, nut FT IG G 2"; - Max. operating temperature 110 °C; - Max. operating pressure 6 bar; incl. fastening material and thermal insulation	**50**	1 **4511** 97	**1**	
	as above, but **for three pump groups DN 40 or DN 50**	**50**	1 **4511** 98	**1**	
	**Thermometer for PUMPFIX**	**rot**	1 **2201** 91	**25**	
		blau	1 **2201** 90	**25**	
	**HERZ actuator 230 V / 3-point** Two-part housing of self-extinguishing plastic, lower part black and upper part red. The drive is fastened to the mixing valve using a single screw. The supplied pin protects against twisting. The installation orientation can be chosen freely in 90° steps. The rotation angle is limited to 90°. Upon reaching the end stops, the drive is electrically switched off and thereby deenergised. Controlled by a 3-point actuator 230 V, 90 °C, 10 Nm, 140 sec. Including adapter set 1 **7712** 67		1 **7712** 63	**1**	
	**HERZ actuator 24 V AC/DC / 0-10 V** Two-part housing of self-extinguishing plastic, lower part black and upper part red. The drive is fastened to the mixing valve using a single screw. The supplied pin protects against twisting. The installation orientation can be chosen freely in 90° steps. The rotation angle is limited to 90°. Upon reaching the end stops, the drive is electrically switched off and thereby deenergised. Actuator 24 V AC / DC, 90 °C, 10 Nm, 140 sec, control signal 0...10 V. Including adapter set 1 **7712** 67		1 **7712** 57	**1**	
	**Spare part for HERZ actuator** **HERZ adapter set** Adapter set for mounting HERZ actuators 1 **7712** 63 / 57 on HERZ three-port valve in PUMPFIX MIX / PUMPFIX Basic MIX.		1 **7712** 67	**1**	

Boiler return temperature raising set

Model		DN	Order number	Sale Unit	€
	**HERZ boiler return temperature raising set EUROMIX with speed-controlled pump Wilo PARA 25-180/6-43/SC-12** For solid fuel boilers and biomass installations, for maintaining a minimum boiler return temperature consisting of mixing valve with drive, shutoff, circulating pump and shutoff with backflow preventer, factory pre-installed and tested for leaks. Model: Shutter mixer with electric drive.	**20**	1 **4500** 92	**1**	
		25	1 **4500** 93	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA 30/1-8	**32**	1 **4500** 94	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA 30/1-6	**32**	1 **4500** 76	**1**	
	as above, but with speed-controlled pump Wilo Yonos MAXO 40/0.5-12	**40**	1 **4500** 95	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA C 30/180-12	**40**	1 **4500** 96	**1**	

Boiler return temperature raising set

Model		DN	Order number	Sale Unit	€
	**HERZ return temperature raising set TEPLOMIX with speed-controlled pump Wilo PARA 25-180/6-43/SC-12** For solid fuel boilers and biomass installations, for maintaining a minimum boiler return temperature consisting of thermostatic mixing valve, shutoff, circulating pump and shutoff with backflow preventer, factory pre-installed and tested for leaks. Model: Thermal mixing valve.	**25**	1 **4500** 73	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA 30/1-8	**32**	1 **4500** 74	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA 30/1-6	**32**	1 **4500** 77	**1**	

EUROMIX SMARTCONTROL

Model		DN	Order number	Sale unit	€
	**HERZ boiler return temperature raising set EUROMIX SMARTCONTROL with speed-controlled pump Wilo PARA 25-180/6-43/SC-12** For solid fuel boilers and biomass installations, for maintaining a minimum boiler return temperature consisting of thermostatic mixing valve with Smartcontrol motor actuator, shutoff, circulating pump and shutoff with backflow preventer, factory preinstalled and tested for leaks, Model: 3-way mixing valve mit Smartcontrol motor actuator.	**20**	1 **4522** 22	**1**	
		25	1 **4522** 23	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA 30/1-8	**32**	1 **4522** 24	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA 30/1-6	**32**	1 **4522** 73	**1**	
	as above, but with speed-controlled pump Wilo Stratos PARA C 30/180-12	**40**	1 **4522** 25	**1**	
	as above, but with speed-controlled pump Wilo Yonos MAXO 40/0.5-12	**40**	1 **4522** 26	**1**	

Spare part for EUROMIX SMARTCONTROL

	**HERZ SMARTCONTROL Controller 230 V / 3-point** Torque 5 Nm, operating time of motor 120 s / 90°, protection class IP42, power consumption in operation max. 3.5 W, with integrated controller for constant return temperature.		1 **4522** 00	**1**	

FLOORFIX, floor heating control set for flush installation

Model		Order number	Sale Unit	€
	**HERZ-FLOORFIX COMPACT, floor heating control set for flush installation** With thermostatic head MINI (1 **9200** 60) for control of the room temperature and a return temperature limiter MINI GS (1 **9201** 06). Set point range of thermostatic head: 6-28 °C Set point range of return temperature limiter: 25-60 °C, With air vent and cover plate (white RAL 9010, 1 **8100** 52). Insulation box made from EPP for flush mounting, mounting brackets included. Compression adapters G 3/4" Euro-cone (1 **6098** xx) must be ordered separately.	1 **8100** 30	**1**	

Spare parts for HERZ FLOORFIX COMPACT

Model		Order number	Sale Unit	€
	**HERZ Return temperature limiter MINI GS, M 28 x 1.5** Control of the return temperature between 25 °C and 60 °C, Limitation and locking at approx. 45°C via limiting pin. Can be combined with all HERZ valves that are intended for thermostatic operation.	1 **9201** 06	**10**	
	**Cover plate** for FLOORFIX COMPACT 1 **8100** 30, 170 x 160mm, made of plastic, white (RAL 9010)	1 **8100** 52	**1**	
	**Upper thermostatic insert 1/2"** Replacement under pressure with HERZ Changefix	1 **6390** 91	**1**	

COMPACTFLOOR

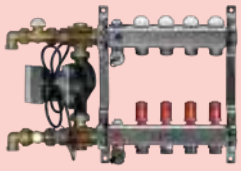
Model		Dim.	Order number	Sale Unit	€
	**Connection-ready control station 230 V, 50 Hz for floor heating, connection on left, consisting of:** - Rod-type distributor of stainless steel, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent, drain with hose connection - Distributor mounts - Actuators for heating circuit control - Mechanical temperature control - Shutoff valve - Electronic circulating pump - Automatic over-temperature protection via pump shutoff - Electronic distributor and actuators fully wired - Automatic differential pressure control with electronic circulating pump fully installed in distribution cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9016). Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail.	**3x**	3 **E532** 13	**1**	
		4x	3 **E532** 14	**1**	
		5x	3 **E532** 15	**1**	
		6x	3 **E532** 16	**1**	
		7x	3 **E532** 17	**1**	
		8x	3 **E532** 18	**1**	
		9x	3 **E532** 19	**1**	
		10x	3 **E532** 20	**1**	
		11x	3 **E532** 21	**1**	
		12x	3 **E532** 22	**1**	
	**Connection-ready control station 230 V, 50 Hz for floor heating, connection on right, consisting of:** - Rod-type distributor of stainless steel, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent, drain with hose connection - Distributor mounts - Actuators for heating circuit control - Mechanical temperature control - Shutoff valve - Electronic circulating pump - Automatic over-temperature protection via pump shutoff - Electronic distributor and actuators fully wired - Automatic differential pressure control with electronic circulating pump fully installed in distribution cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9016). Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail.	**3x**	3 **E532** 03	**1**	
		4x	3 **E532** 04	**1**	
		5x	3 **E532** 05	**1**	
		6x	3 **E532** 06	**1**	
		7x	3 **E532** 07	**1**	
		8x	3 **E532** 08	**1**	
		9x	3 **E532** 09	**1**	
		10x	3 **E532** 10	**1**	
		11x	3 **E532** 11	**1**	
		12x	3 **E532** 12	**1**	

COMPACTFLOOR WE

	**COMPACTFLOOR WE** Connection-ready control station for floor heating 230 V, 50 Hz, connected to a secondary district heating grid, consisting of: - Shutoff zone valve with fixed value control via thermostatic head with contact sensor - Pre-settable control and regulating valve with electronic drive - Countercurrent heat exchanger for system separation of stainless steel, copper-soldered model - Electronic circulating pump - Safety group with thermo-manometer, automatic air vent and safety valve - Rod-type distributor of stainless steel, supply distributor with regulating inserts and flow indication and return distributor with thermostatic valves, vent, drain with hose connections - Actuators for heating circuit control - Automatic over-temperature protection via pump shutoff - Diaphragm pressure expansion tank with connection valve fully installed in distributor cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9016). Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail.	**3x**	3 **F532** 83	**1**	
		4x	3 **F532** 84	**1**	
		5x	3 **F532** 85	**1**	
		6x	3 **F532** 86	**1**	
		7x	3 **F532** 87	**1**	
		8x	3 **F532** 88	**1**	
		9x	3 **F532** 89	**1**	
		10x	3 **F532** 90	**1**	
		11x	3 **F532** 91	**1**	
		12x	3 **F532** 92	**1**	

Product Group 1

COMPACTFLOOR Light

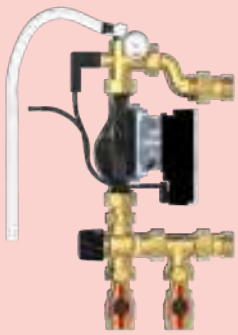
Model		Dim.	Order number	Sale Unit	€
	**COMPACTFLOOR light** Connection-ready control station for floor heating, connection from left below with 90° elbow, consisting of: - Rod-type distributor of stainless steel, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent and drain with hose connection - Shutoff valve RL-5 - Electronic circulating pump - Automatic differential pressure control via electronic circulating pump - Shutoff and control valve for fixed value control Thermostatic head with remote sensor for fixed value control is included.	**3x**	3 **E533** 23	**1**	
		4x	3 **E533** 24	**1**	
		5x	3 **E533** 25	**1**	
		6x	3 **E533** 26	**1**	
		7x	3 **E533** 27	**1**	
		8x	3 **E533** 28	**1**	
		9x	3 **E533** 29	**1**	
		10x	3 **E533** 30	**1**	
		11x	3 **E533** 31	**1**	
		12x	3 **E533** 32	**1**	
	as above, but conncection from the top right	**3x**	3 **E533** 33	**1**	
		4x	3 **E533** 34	**1**	
		5x	3 **E533** 35	**1**	
		6x	3 **E533** 36	**1**	
		7x	3 **E533** 37	**1**	
		8x	3 **E533** 38	**1**	
		9x	3 **E533** 39	**1**	
		10x	3 **E533** 40	**1**	
		11x	3 **E533** 41	**1**	
		12x	3 **E533** 42	**1**	

Pump Group for floor heating

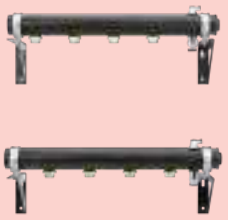
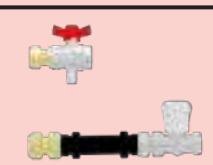
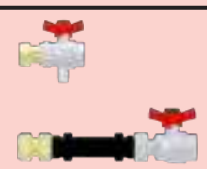
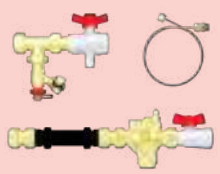
Product Group 6

	**Pump Group** Station for fixed value control incl. high efficiency pump suitable for 2-12 heating circuits, thermostatic head 20-50 °C with immersion sensor for exact regulation of the supply temperature in floor heating circuits, thermometer to display the supply temperature and contact-safety thermostat are included, suitable for distributors with bar spacing of 167-233 mm (center-center) when using eccentric screw connections, incl. 2 pieces screw connections R1" MT for the distributor with freely rotating union nut G1" for the pump group, flat seals are included, connection and shut-off from the high-temperature circuit with ball valves ¾", back flow preventer integrated in the return flow to the high temperature circuit; distributor, distributor cabinets and individual room control accessories must be ordered separately.	3 **F532** 34	**1**	
	As above, but without pump	3 **F532** 36	**1**	
	As above, but thermostatic head 40-70 °C, with pump	3 **F532** 37	**1**	
	**Adapter G 1" FT - G1 1/4" MT** for connecting a distributor with G 1 ¼ " FT to the Pump Group, 2 pieces included in the set.	1 **6383** 08	**50**	
	**Screw connection with freely rotating union nut G 1" – R 1"** 2 pieces screw connections R 1 " MT for the distributor with freely rotating union nut G 1" for the pump group, spare part for the Pump Group.	1 **6383** 06	**10**	
	**Eccentric screw connection G1"** To connect the Pump Group with a floor heating distributor.	1 **6383** 09	**5**	
	**Upper mixing unit G 1"**	1 **6383** 10	**5**	
	**Lower mixing unit G 1"**	1 **6383** 11	**5**	
	**Ball valve with freely rotating union nut, DN 20, PN 25** To connect and shut-off the high temperature circuit	1 **6383** 12	**25**	

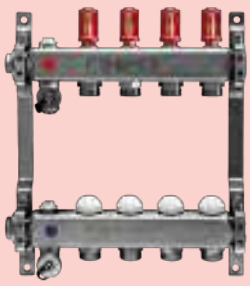
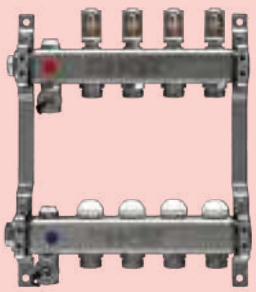
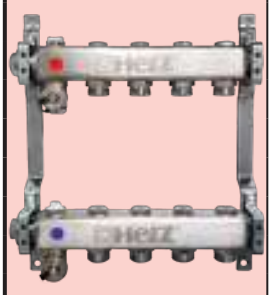
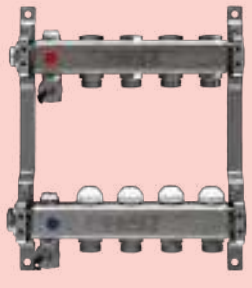
Pump Group THERMO for floor heating

Model		Order number	Sale Unit	€
	**Pump Group THERMO with speed-controlled pump WILO PARA** Station for fixed value control incl. high efficiency pump suitable for 3-12 heating circuits, mixing valve with setting 20 - 45 °C to control the flow temperature in the underfloor heating circuits. The set includes a thermometer for displaying the supply temperature and a safety temperature shut-off and air vent with venting hose. Suitable for distributors with beam spacing of 167 - 233 mm (center to center) through eccentric connection fittings. Includes 2 connection fittings G1" male thread for the distributor with free-turning nut, connection and shut-off of high-temperature circuit with ¾" ball valves. Distributors, distribution cabinets, and individual room control accessories must be ordered separately. Nominal pressure: 6 bar (static) / 5 bar (dynamic) Max. operating temperature: 90 °C Min. operating temperature: 2 °C Bimetal thermostat switch: fixed shut-off temperature of 60 °C.	3 **F532** 41	**1**	
	As above, but without pump	3 **F532** 42	**1**	
	**Thermometer 0 - 80 °C**	1 **6383** 01	**1**	
	**Adapter G 1“**	1 **6383** 04	**50**	
	**Screw connection with freely rotating union nut G 1" – R 1"** 2 pieces screw connections R 1 " MT for the distributor with freely rotating union nut G 1" for the pump group Thermo, spare part for the Pump Group Thermo.	1 **6383** 06	**10**	
	**Eccentric screw connection G1"** To connect the Pump Group Thermo with a floor heating distributor.	1 **6383** 09	**5**	
	**Multipurpose key**	1 **6625** 00	**1**	

HERZ floor manifold (DN 40)

Model		Dim.	Order number	Sale Unit	€
	**HERZ floor manifold DN 40** distributor connection with female thread G1 1/2", distributor outlets with G 3/4 flat sealing, incl. air vent and drain with hose connection. Max. operating temperature 110 °C Max. operating pressure 10 bar Manifold connection sets must be ordered separately.	**1x**	1 **8636** 31	**1**	
		2x	1 **8636** 32	**1**	
		3x	1 **8636** 33	**1**	
		4x	1 **8636** 34	**1**	
		5x	1 **8636** 35	**1**	
		6x	1 **8636** 36	**1**	
		7x	1 **8636** 37	**1**	
		8x	1 **8636** 38	**1**	
		9x	1 **8636** 39	**1**	
		10x	1 **8636** 40	**1**	
		11x	1 **8636** 41	**1**	
		12x	1 **8636** 42	**1**	
	**HERZ manifold connection set DN 20,** incl. commissioning valve DN 15 LF 1 **4017** 11, ball valve DN 20 with sensor holder 1 **2202** 82 and meter spacer 110 mm. Suitable for HERZ floor manifolds 1 **8636** XX.		1 **8636** 20	**1**	
	**HERZ manifold connection set DN 20,** incl. commissioning valve DN 15 MF 1 **4017** 21, ball valve DN 20 with sensor holder 1 **2202** 82 and meter spacer 110 mm. Suitable for HERZ floor manifolds 1 **8636** XX.		1 **8636** 29	**1**	
	**HERZ manifold connection set DN 20,** incl. commissioning valve DN 15 1 **4017** 01, ball valve DN 20 with sensor holder 1 **2202** 82 and meter spacer 110 mm. Suitable for HERZ floor manifolds 1 **8636** XX.		1 **8636** 24	**1**	
	**HERZ manifold connection set DN 20,** incl. GP control valve DN 15 1 **5523** 21, ball valve DN 20 with sensor holder 1 **2202** 82 and meter spacer 110 mm. Suitable for HERZ floor manifolds 1 **8636** XX.		1 **8636** 23	**1**	
	**HERZ manifold connection set DN 20,** incl. ball valves DN 20, 1 **2202** 82 with sensor holder, 1 **2221** 02 and meter spacer 110 mm. Suitable for HERZ floor manifolds 1 **8636** XX.		1 **8636** 21	**1**	
	**HERZ manifold connection set DN 20** incl. differential pressure controller FIX, 15 kPa DN 15LF 1 **4012** 50 with capillary 0.5 m, ball valve DN 20 with M10 connection for temperature sensor 1 **2202** 82, test point and drain valve with capillary connection 1 **0284** 03, ball valve DN 15 with freely-rotating union nut G 3/4" and socket Rp 3/4" 1 **2420** 11 and adapter 110 mm. Suitable for HERZ floor manifolds 1 **8636** XX.		1 **8636** 30	**1**	

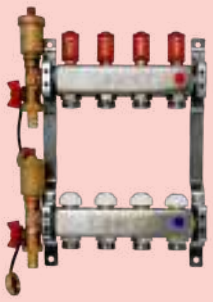
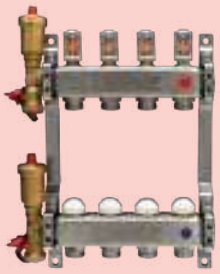
HERZ stainless steel distributor

Model		Dim.	Order number	Sale Unit	€
	**HERZ stainless steel distributor** with flow meter (3 l/min), Dimension DN 25, consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with flow meter inserts. Vent and drain with hose connection, distributor connection with female thread G 1", distributor outlets with G ¾" Euro-cone connection. Accessories compression adapters (1 **6098** xx) and ball valves (1 **2224** 03/13, 1 **2205** 13/23) must be ordered separately.	**3x**	1 **8632** 03	**1**	
		4x	1 **8632** 04	**1**	
		5x	1 **8632** 05	**1**	
		6x	1 **8632** 06	**1**	
		7x	1 **8632** 07	**1**	
		8x	1 **8632** 08	**1**	
		9x	1 **8632** 09	**1**	
		10x	1 **8632** 10	**1**	
		11x	1 **8632** 11	**1**	
		12x	1 **8632** 12	**1**	
		13x	1 **8632** 13	**1**	
		14x	1 **8632** 14	**1**	
		15x	1 **8632** 15	**1**	
		16x	1 **8632** 16	**1**	
	**HERZ stainless steel distributor** with flow meter (6 l/min), Dimension DN 25, consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with flow meter inserts. Vent and drain with hose connection, distributor connection with female thread G 1", distributor outlets with G ¾" Euro-cone connection. Accessories compression adapters (1 **6098** xx) and ball valves (1 **2224** 03/13, 1 **2205** 13/23) must be ordered separately.	**3x**	1 **8633** 03	**1**	
		4x	1 **8633** 04	**1**	
		5x	1 **8633** 05	**1**	
		6x	1 **8633** 06	**1**	
		7x	1 **8633** 07	**1**	
		8x	1 **8633** 08	**1**	
		9x	1 **8633** 09	**1**	
		10x	1 **8633** 10	**1**	
		11x	1 **8633** 11	**1**	
		12x	1 **8633** 12	**1**	
		13x	1 **8633** 13	**1**	
		14x	1 **8633** 14	**1**	
		15x	1 **8633** 15	**1**	
		16x	1 **8633** 16	**1**	
	**HERZ stainless steel distributor** Dimension DN 25, consisting of return and supply distributor with upper shutoff inserts. Vent and drain with hose connection, distributor connection with female thread G 1", distributor outlets with G ¾" Euro-cone connection. Accessories compression adapters (1 **6098** xx) and ball valves (1 **2224** 03/13, 1 **2205** 13/23) must be ordered separately.	**3x**	1 **8634** 03	**1**	
		4x	1 **8634** 04	**1**	
		5x	1 **8634** 05	**1**	
		6x	1 **8634** 06	**1**	
		7x	1 **8634** 07	**1**	
		8x	1 **8634** 08	**1**	
		9x	1 **8634** 09	**1**	
		10x	1 **8634** 10	**1**	
		11x	1 **8634** 11	**1**	
		12x	1 **8634** 12	**1**	
	**HERZ stainless steel distributor** Dimension DN 25, consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with upper shutoff inserts. Vent and drain with hose connection, distributor connection with female thread G 1", distributor outlets with G ¾" Euro-cone connection. Accessories compression adapters (1 **6098** xx) and ball valves (1 **2224** 03/13, 1 **2205** 13/23) must be ordered separately.	**3x**	1 **8631** 03	**1**	
		4x	1 **8631** 04	**1**	
		5x	1 **8631** 05	**1**	
		6x	1 **8631** 06	**1**	
		7x	1 **8631** 07	**1**	
		8x	1 **8631** 08	**1**	
		9x	1 **8631** 09	**1**	
		10x	1 **8631** 10	**1**	
		11x	1 **8631** 11	**1**	
		12x	1 **8631** 12	**1**	

HERZ stainless steel distributor

Model		Dim.	Order number	Sale Unit	€
	**HERZ stainless steel distributor** Dimension DN25, consisting of supply and return distributor, without valve, with closing plug, with vents, distributor connection with female thread G 1", distributor outlets with G ¾" Euro-cone connection. Accessories compression adapters (1 **6098** xx) and ball valves (1 **2224** 03/13, 1 **2205** 13/23) must be ordered separately.	**2x**	1 **8634** 32	**1**	
		3x	1 **8634** 13	**1**	
		4x	1 **8634** 14	**1**	
		5x	1 **8634** 15	**1**	
		6x	1 **8634** 16	**1**	
		7x	1 **8634** 17	**1**	
		8x	1 **8634** 18	**1**	
		9x	1 **8634** 19	**1**	
		10x	1 **8634** 20	**1**	
		11x	1 **8634** 21	**1**	
		12x	1 **8634** 22	**1**	
		13x	1 **8634** 33	**1**	
		14x	1 **8634** 34	**1**	
		15x	1 **8634** 35	**1**	
		16x	1 **8634** 36	**1**	

HERZ stainless steel distributor with automatic air vent

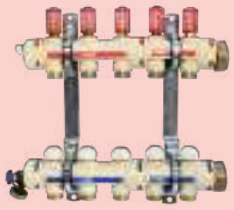
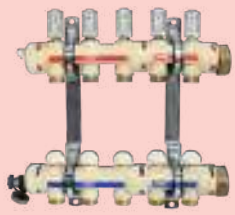
Model		Dim.	Order number	Sale Unit	€
	**HERZ stainless steel distributor with automatic air vent** with flow meter (3 l/min), Dimension DN 25, consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with flow meter inserts. Vent and drain with hose connection, distributor connection with female thread G 1", distributor outlets with G ¾" Euro-cone connection. Accessories compression adapters (1 **6098** xx) and ball valves (1 **2224** 03/13, 1 **2205** 13/23) must be ordered separately.	**2x**	1 **8638** 02	**1**	
		3x	1 **8638** 03	**1**	
		4x	1 **8638** 04	**1**	
		5x	1 **8638** 05	**1**	
		6x	1 **8638** 06	**1**	
		7x	1 **8638** 07	**1**	
		8x	1 **8638** 08	**1**	
		9x	1 **8638** 09	**1**	
		10x	1 **8638** 10	**1**	
		11x	1 **8638** 11	**1**	
		12x	1 **8638** 12	**1**	
		13x	1 **8638** 13	**1**	
		14x	1 **8638** 14	**1**	
		15x	1 **8638** 15	**1**	
		16x	1 **8638** 16	**1**	
	**HERZ stainless steel distributor with automatic air vent** with flow meter (6 l/min), Dimension DN 25, consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with flow meter inserts. Vent and drain with hose connection, distributor connection with female thread G 1", distributor outlets with G ¾" Euro-cone connection. Accessories compression adapters (1 **6098** xx) and ball valves (1 **2224** 03/13, 1 **2205** 13/23) must be ordered separately.	**2x**	1 **8639** 02	**1**	
		3x	1 **8639** 03	**1**	
		4x	1 **8639** 04	**1**	
		5x	1 **8639** 05	**1**	
		6x	1 **8639** 06	**1**	
		7x	1 **8639** 07	**1**	
		8x	1 **8639** 08	**1**	
		9x	1 **8639** 09	**1**	
		10x	1 **8639** 10	**1**	
		11x	1 **8639** 11	**1**	
		12x	1 **8639** 12	**1**	
		13x	1 **8639** 13	**1**	
		14x	1 **8639** 14	**1**	
		15x	1 **8639** 15	**1**	
		16x	1 **8639** 16	**1**	

Ball valves for HERZ-steel distributor

Model		PN	DN	Order number	Sale Unit	€
	**Ball valve with T-handle, angle version, red, PN 25** Socket x dutch connection. With connection nipple 1" for steel distributor, O-ring-sealed. Body made of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE, EPDM screw connection. Female thread according to ISO 228. Min. operating temperature: -30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**25**	1 **2224** 03	**16**	
	**Ball valve with T-handle, angle version, blue, PN 25** Socket x dutch connection. With connection nipple 1" for steel distributor, O-ring-sealed. Body made of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE, EPDM screw connection. Female thread according to ISO 228. Min. operating temperature: -30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**25**	1 **2224** 13	**16**	
	**Ball valve with T-handle, straight version, red, PN 25** Socket x dutch connection. With connection nipple 1" for steel distributor, O-ring-sealed. Body made of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE. EPDM screw connection. Female thread according to ISO 228. Min. operating temperature -30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**25**	1 **2205** 13	**16**	
	**Ball valve with T-handle, straight version, blue, PN 25** Socket x dutch connection. With connection nipple 1" for steel distributor, O-ring-sealed. Body made of forged brass, nickel-plated, with full bore. Ball sealing PTFE, spindle seal with PTFE. EPDM screw connection. Female thread according to ISO 228. Min. operating temperature -30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**25**	1 **2205** 23	**16**	

Product Group 1

HERZ-floor heating distributor UNI-MINI

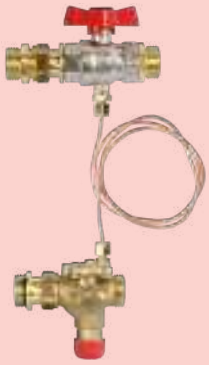
Model		Dim.	Order number	Sale Unit	€
	**HERZ-floor heating distributor UNI-MINI** with flow meter (3 l/min), dimension 1", consisting of highly heat-stabilized special plastic, return distributor with thermostatic inserts (M 28 x 1.5), supply distributor with flow meters (3 l/min), venting and draining with hose connection, flat sealing distributor connection with freely rotating union nut G 1 1/4", distributor outlets with G 3/4" Euro-cone connection, including retaining bracket	**3x**	1 **8732** 03	**1**	
		4x	1 **8732** 04	**1**	
		5x	1 **8732** 05	**1**	
		6x	1 **8732** 06	**1**	
		7x	1 **8732** 07	**1**	
		8x	1 **8732** 08	**1**	
		9x	1 **8732** 09	**1**	
		10x	1 **8732** 10	**1**	
		11x	1 **8732** 11	**1**	
		12x	1 **8732** 12	**1**	
	**HERZ-floor heating distributor UNI-MINI** with flow meter (6 l/min), dimension 1", consisting of highly heat-stabilized special plastic, return distributor with thermostatic inserts (M 28 x 1.5), supply distributor with flow meters (6 l/min), venting and draining with hose connection, flat sealing distributor connection with freely rotating union nut G 1 1/4", distributor outlets with G 3/4 Euro-cone connection, including retaining bracket	**3x**	1 **8733** 03	**1**	
		4x	1 **8733** 04	**1**	
		5x	1 **8733** 05	**1**	
		6x	1 **8733** 06	**1**	
		7x	1 **8733** 07	**1**	
		8x	1 **8733** 08	**1**	
		9x	1 **8733** 09	**1**	
		10x	1 **8733** 10	**1**	
		11x	1 **8733** 11	**1**	
		12x	1 **8733** 12	**1**	

Product Group 6

Ball valves for HERZ-floor heating distributor UNI-MINI

Model		PN	DN	Order number	Sale Unit	
	**Ball valve with T-handle, straight version, red, PN 25** Socket x male thread R 5/4", flat sealing. Body made of forged brass, nickel-plated, with full bore. PTFE seals, spindle seal with PTFE. Female thread according to ISO 228. Male thread according to ISO 7-1. Min. operating temperature: -30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**25**	1 **2408** 23	**10**	
	**Ball valve with T-handle, angle version, red, PN 25** Socket x male thread R 5/4", flat sealing. Body made of forged brass, nickel-plated, with full bore. PTFE seals, spindle seal with PTFE. Female thread according to ISO 228. Male thread according to ISO 7-1. Min. operating temperature: -30 °C (water +0.5 °C), max. operating temperature: 150 °C (water up to 110 °C, no steam).	**25**	**25**	1 **2428** 23	**10**	

Dynamic Regulation Set for HERZ brass and stainless steel distributor DN 25

Model		Q_{max}, l/h	PN	DN	Order number	Sale Unit	
	**Dynamic Regulation Set for HERZ brass and stainless steel distributor DN 25** suitable for direct connection, consisting of 2 adapters G 1" x G 1", 2 connections G 1" x G1", ball valve 1 **2202** 83, nipple M 10 x G 1/8", capillary G 1/8" x G 1/8" and differential pressure controller with flow limitation 1 **4012** 32 DN 20 LP. Installation of a actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**1950**	**16**	**20 LP**	1 **8635** 52	**1**	
	Dynamic Regulation Set for HERZ brass and stainless steel distributor DN 25 suitable for direct connection, consisting of 2 adapters G 1" x G 1", 2 connections G 1" x G 1", ball valve 1 **2202** 83, nipple M 10 x G 1/8", capillary G 1/8" x G 1/8" and differential pressure controller with flow limitation 1 **4012** 42 DN 20 HP. Installation of a actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**2100**	**16**	**20 HP**	1 **8635** 53	**1**	

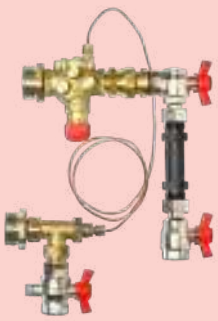
Dynamic Regulation Set for HERZ floor heating distributor UNI-MINI

Model		Q_{max}, l/h	PN	DN	Order number	Sale Unit	
	**Dynamic Regulation Set for HERZ floor heating distributor UNI-MINI** suitable for direct connection, consisting of adapter G 5/4" x G 1", ball valve 1 **2202** 83, nipple M10 x G 1/8", capillary G 1/8" x G 1/8", adapter G 5/4" x G 3/4" and differential pressure controller with flow limitation 1 **4212** 32 DN 20 LP. Installation of a actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**1950**	**16**	**20 LP**	1 **8735** 52	**1**	
	Dynamic Regulation Set for HERZ floor heating distributor UNI-MINI suitable for direct connection, consisting of adapter G 5/4" x G 1", ball valve 1 **2202** 83, nipple M 10 x G1/8", capillary G 1/8" x G 1/8", adapter G 5/4" x G 3/4" and differential pressure controller with flow limitation 1 **4212** 42 DN 20 HP. Installation of a actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**2100**	**16**	**20 HP**	1 **8735** 53	**1**	

Dynamic Regulation Set with distance piece for heat meter for HERZ brass and stainless-steel distributor DN 25

Model		Q_{max}, l/h	PN	DN	Order number	Sale Unit	
	**Dynamic Regulation Set with distance piece for heat meter for HERZ brass and stainless-steel distributor DN 25** suitable for direct connection, consisting of screw connection G 1" x G 1", adapter G 1" x G 3/4", ball valves, nipple G 1/4" x G 1/8", capillary G 1/8" x G 1/8", distance piece for heat meter made of polyamide 110 mm – G 3/4", and differential pressure controller with flow limitation 1 **4012** 32 DN 20 LP. Pipe connection ¾" FT. Installation of an actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**1950**	**6**	**20 LP**	1 **8635** 62	**1**	
	Dynamic Regulation Set with distance piece for heat meter for HERZ brass and stainless-steel distributor DN 25 suitable for direct connection, onsisting of screw connection G 1" x G 1", adapter G 1" x G 3/4", ball valves, nipple G 1/4" x G 1/8", capillary G 1/8" x G 1/8", distance piece for heat meter made of polyamide 110 mm – G 3/4", and differential pressure controller with flow limitation 1 **4012** 42 DN 20 HP. Pipe connection ¾" FT. Installation of an actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**2100**	**6**	**20 HP**	1 **8635** 63	**1**	

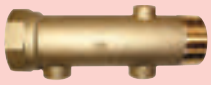
Dynamic Regulation Set with distance piece for heat meter for HERZ floor heating distributor UNI-MINI

Model		Q_{max}, l/h	PN	DN	Order number	Sale Unit	
	**Dynamic Regulation Set with distance piece for heat meter for HERZ floor heating distributor UNI-MINI** suitable for direct connection, consisting of adapter G 5/4" x G 1", adapter G 5/4" x G 3/4", ball valves, nipple G 1/4" x G 1/8", capillary G 1/8" x G 1/8", distance piece for heat meter made of polyamide 110 mm – G 3/4", and differential pressure controller with flow limitation 1 **4012** 32 DN 20 LP. Pipe connection ¾" FT. Installation of an actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**1950**	**6**	**20 LP**	1 **8735** 62	**1**	
	Dynamic Regulation Set with distance piece for heat meter for HERZ floor heating distributor UNI-MINI suitable for direct connection, consisting of adapter G 5/4" x G 1", adapter G 5/4" x G 3/4", ball valves, nipple G 1/4" x G 1/8", capillary G 1/8" x G 1/8", distance piece for heat meter made of polyamide 110 mm – G 3/4", and differential pressure controller with flow limitation 1 **4012** 42 DN 20 HP. Pipe connection ¾" FT. Installation of an actuating drive or a geared motor for zone control possible. Actuators must be ordered separately.	**2100**	**6**	**20 HP**	1 **8735** 63	**1**	

Distributor cabinets

Model		Dim.	Order number	Sale Unit	€
	**HERZ distributor cabinet of sheet steel for HERZ rod-type distributor** hot-dip galvanised, front door and front frame white powder-coated (RAL 9016). Adjustable installation depth (80–110 mm) and cabinet height (720–805 mm), fastening rail for distributor mounts and front panel powder-coated. With removable pipe redirection rail.	**Width 300 mm**	1 **8569** 03	**1**	
		Width 400 mm	1 **8569** 04	**1**	
		Width 500 mm	1 **8569** 05	**1**	
		Width 600 mm	1 **8569** 10	**1**	
		Width 750 mm	1 **8569** 15	**1**	
		Width 900 mm	1 **8569** 20	**1**	
		Width 1050 mm	1 **8569** 25	**1**	
		Width 1200 mm	1 **8569** 30	**1**	
		Width 1500 mm	1 **8569** 40	**1**	
	HERZ distributor cabinet of sheet steel for HERZ COMPACTFLOOR hot-dip galvanised, front door and front frame white powder-coated (RAL 9016). Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm), fastening rail for distributor mounts and front panel powder-coated. With removable pipe redirection rail.	**Width 750 mm**	1 **8570** 50	**1**	
		Width 900 mm	1 **8570** 51	**1**	
		Width 1050 mm	1 **8570** 52	**1**	
		Width 1200 mm	1 **8570** 53	**1**	
		Width 1500 mm	1 **8570** 54	**1**	

Compact distributors

Model		DN	Order number	Sale Unit	€
	**HERZ compact distributor** of dezincification-resistant brass Distributor body DN 40, 2 outlets Rp 3/4, pipe centre spacing 100 mm, 1 outlet Rp 1/2 Total length of distributor 215 mm.	**40**	1 **8542** 02	**1**	
	HERZ compact distributor of dezincification-resistant brass Distributor body DN 50, 2 outlets Rp 3/4, pipe centre spacing 100 mm, 1 outlet Rp 1/2 Total length of distributor 215 mm.	**50**	1 **8543** 02	**1**	
	**HERZ compact distributor** of dezincification-resistant brass Distributor body DN 40, 2 outlets Rp 1/2 Total length of distributor 80 mm.	**40**	1 **8542** 01	**1**	
	HERZ compact distributor of dezincification-resistant brass Distributor body DN 50, 2 outlets Rp 1/2 Total length of distributor 80 mm.	**50**	1 **8543** 01	**1**	

Accessories for compact distributors

	Reduction of dezincification-resistant brass.	**G 1½ x Rp 1**	1 **6265** 20	**20**	
		G 2 x Rp 1	1 **6265** 21	**20**	
		G 2 x Rp 1¼	1 **6265** 22	**20**	
	Cap of dezincification-resistant brass.	**Rp 1½**	1 **8525** 20	**20**	
		Rp 2	1 **8525** 21	**20**	

Angled pipe clamp

Plastic angled pipe clamp for redirecting the heating pipe by 90° in the area of ceiling passages, distributor approaches, etc.

Model		Order number	Sale Unit	€
	**Plastic angled pipe clamp for pipe 14–18 mm.**	3 **F110** 08	**500**	
	Plastic angled pipe clamp for pipe 20–23 mm.	3 **F110** 09	**50**	

Plastic dowel

	Plastic dowel for additional fastening of the insulation, length 90 mm, hole diameter 8 mm.	3 **F110** 17	**100**	

Pipe retaining anchor

	**Single-pipe retaining anchor,** 90 mm.	3 **F110** 11	**50**	
	**Double-pipe retaining anchor**, 90 mm.	3 **F110** 12	**50**	

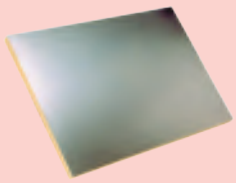
Tools

Tacker

	The tacker enables simple and efficient laying of the heating pipe, which is securely fastened to the insulation in just a single step. Multi-purpose tacker for both needle designs 3 **F110** 06 and 3 **F110** 07 as well as typical commercially-available needles, with plastic foot.	3 **F110** 13	**1**	

Thermal insulation panel

Thermal insulation panels of CFC-free, quality-controlled polyurethane foam according to DIN 18164 Part 1, coated with aluminium on both sides. Building material class B2 according to DIN 4102. WLG 025

Model		Order number	Sale Unit	€
	**Thermal insulation panel 30**, Panel dimensions 1200 x 600 x 30 mm, thermal resistance RI = 1.2.	3 **F070** 30	11.52 m²	
	Thermal insulation panel 40, Panel dimensions 1200 x 600 x 40 mm, thermal resistance RI = 1.6.	3 **F070** 40	8.64 m²	
	Thermal insulation panel 47, Panel dimensions 1200 x 800 x 47 mm, thermal resistance RI = 1.88.	3 **F070** 47	9.60 m²	
	Thermal insulation panel 53, Panel dimensions 1200 x 800 x 53 mm, thermal resistance RI = 2.12.	3 **F070** 53	9.60 m²	

Clamp strip

Special design for pipes Ø 16 mm and 17 mm, fastening rail with moulded-on pipe retention clips in a light, compact and low-profile design effectively prevents weakening of the subfloor, suitable for all rigid floor coverings, stone panels, natural stone and ceramic flooring, for quick laying and clipping in. Fastening to the thermal insulation via double-sided tape or with fastening needles through the perforations. Pipe spacing 50 mm.

	Profile size: L x B x H = 1.000 x 40 x 25 mm. Laying element 16 UNI-FIX	U **9900** 60	**108**	

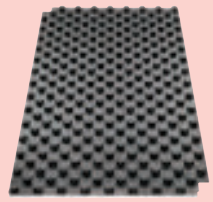
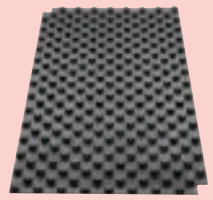
Fixing needle

	**Fixing needles, red,** for direct fastening of insulation with thickness of 30 mm or more. Due to the special material used, these fixing needles have outstanding retaining strength, which can be further increased by pressing in the needles at an angle.	3 **F110** 03	**500**	
	**Fixing needles, green** for direct fastening of insulation with thickness of 40 mm or more. Due to the special material used, these fixing needles have outstanding retaining strength, which can be further increased by pressing in the needles at an angle.	3 **F110** 04	**500**	

Tacker needle

	Tacker needle for fastening of the heating pipe to the insulation. Collected with tape into magazines of 20 needles, black. Use of the tacker 3 **F110** 13 allows for simple and efficient fastening of the pipes. Minimum thickness of tacker plate 30 mm.	3 **F110** 06	**200**	
	Special tacker needle, extra long needle shape, specially suited for unlaminated surfaces, of high-quality polyamide, in magazines of 20 needles. Use of the tacker 3 **F110** 13 allows for simple and efficient fastening of the pipes. Minimum thickness of tacker plate 40 mm.	3 **F110** 07	**300**	

Studded panels

Model		Dim.	Order number	Sale Unit	€
	**Studded panel with insulation, black,** of rigid polystyrene foam, 30–2 mm for pipe diameter 14–17 mm, 50 mm film overlap.	**1400 x 800 x 51 mm**	3 **F030** 01	**67.20 m²**	
	Studded panel with insulation, black, of rigid polystyrene foam, ND 11, for pipe diameter 14–17 mm, 50 mm film overlap.	**1400 x 800 x 31 mm**	3 **F030** 02	**131.01 m²**	
	**Studded panel, black, of polystyrene** for individual installation of the insulation, 50 mm film overlap.	**1400 x 800 x 20 mm**	3 **F030** 03	**215.04 m²**	
	**Diagonal bracket 75 mm** for diagonal laying of the pipes.		3 **F030** 05	**100**	

Tacker panels

Model		Dim.	Order number	Sale Unit	€
	**Tacker panel for floor heating systems**, of EPS 70, coated with a PP fabric film. Compressive strength 70 kPa, thermal conductivity 0.039 W/m*K.	**1,000 x 10,000 x 30 mm**	H **3070** 01	**10 m²**	
	Tacker panel for floor heating systems, of EPS 100, coated with a PP fabric film. Compressive strength 100 kPa, thermal conductivity 0.035 W/m*K.	**1,000 x 10,000 x 30 mm**	H **3100** 01	**10 m²**	

Insulation strips

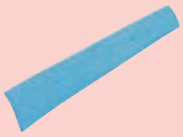
Insulation strips of polyethylene with film flange and tear-off perforation for impact noise insulation according to DIN 18560.
The insulation strips are self-adhesive on the back side and on the film flange or can be delivered without adhesive.

Model		Order number	Sale Unit	€
	Insulation strips 10/150 MK, 10 x 150 mm, with adhesive.	3 **F080** 02	4 rolls of 50 m each	
	Insulation 10/150 OK, 10 x 150 mm, without adhesive.	3 **F080** 03	8 rolls of 50 m each	

Expansion joint pipe laying kit

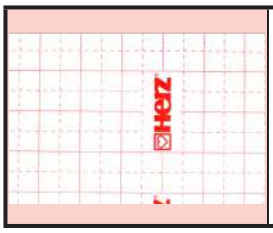
	**Expansion strips for expansion joint profiles** Corrugated pipe 12 - 20 mm, slotted on the long side.	3 **F100** 02	50 pcs	
	Expansion strips for expansion joint profiles Made of PE-foam, height 80 mm, thickness 10 mm, length 1800 mm, with an adhesive strip at the base	3 **F100** 30	36 m	

Expansion strips for studded panels

	**Expansion strips** of polyethylene for secure separation of the screed slabs when using flat systems, 10 x 160 mm, standard length 25 m.	3 **F100** 04	7 rolls of 25 m each	

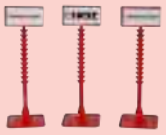
Cover film

Cover film of polyethylene

	**PE foil 0.2**, Roll size 1 x 165 m, thickness 0.2 mm. With 50 x 50 mm grid	3 **F100** 06	165 m²	

Product Group 1

Miscellaneous accessories
Level indicator for screed

Model		Order number	Sale Unit	€
	Level indicator for marking measurement points in heating screed for the required measurement of the readiness for pipe laying according to DIN EN 1264.	3 **F090** 00	**1**	

Screed additive

	The screed additive homogenises the cement screed, resulting in improved thermal conductivity and improved compressive and tensile strength. Consumption approx. 0.2 l/m².	3 **F090** 01	**10 kg**	

Adhesive tape

	For taping of butt joints of the insulation sheets and panels to prevent the penetration of screed water. Transparent, water-tight.	3 **F090** 02	**1 roll**	

Clips

	**Clips 1622** Red for mesh mats, carrier mat thickness 3, 4 and 5 mm.	3 **F110** 05	**1000**	

Product Group 1

Keys and tools

	**Pre-setting key** for HERZ flow meter 3 **F900** in **8531/8532/8533/8632/8633**.	1 **6819** 32	**1**	

HERZ-COMPACTFLOOR

Model		Dim.	Order number	Sale Unit	€
	**HERZ pump group** with line shutoff, temperature limiting, electronic circulating pump (3 **E531** 00) and safety temperaCoverture shutoff, connection-ready and checked for leaks.	**1**	3 **E532** 30	**1**	
	**Replacement pump Para RS 15/6** Wet-running high-efficiency circulating pump with electronic speed control for pipe installation. Pump body of grey cast iron. Integrated venting function. Mains connection: 230 V~ Protection class: IP X4D Length: 130 mm Medium temperature range heating/cooling: 0 to 110°C depending on the ambient temperature. Threaded connection: 1"		3 **E531** 00	**1**	

HERZ-COMPACTFLOOR

	**Distributor mount for installation of the distributor in a cabinet** 1 pair for compact distributor 1 **8530/31/32/33.**	**1**	1 **8535** 02	**1**	
	1 pair for compact distributor 1 **8529.**	**5/4**	1 **8535** 03	**1**	

Upper parts for floor heating

Model		Order number	Sale Unit	€
	**HERZ TS replacement upper part** for distributors **8531, 8631**, **8532, 8632, 8533** and **8633.**	1 **6403** 31	**1**	
	**HERZ upper shutoff insert** for supply distributor **8531** and **8634.**	1 **6413** 01	**1**	
	**HERZ flow meter** Setting range 0 – 3 l/min For the following models of floor heating supply distributors: Stainless steel manufactured as of 2018 and plastic UNI-MINI	3 **F900** 33	**1**	
	**HERZ flow meter** Setting range 0 – 6 l/min For the following models of floor heating supply distributors: Stainless steel manufactured as of 2018 and plastic UNI-MINI	3 **F900** 36	**1**	
 	**HERZ flow meter** Setting range 0 - 3 l/min. for the following models of floor heating supply distributors: brass **8532**, year of manufacture 2005 - 2018. Including lower part.	3 **F900** 23	**1**	
	for the following models of floor heating supply distributors: brass **8531** (DN 32), year of manufacture 2005 - 2018. Including lower part.	3 **F900** 53	**1**	
 	**HERZ flow meter** Setting range 0 - 6 l/min. for the following models of floor heating supply distributors: brass **8533,** year of manufacture 2005 - 2018. Including lower part.	3 **F900** 26	**1**	
	for the following models of floor heating supply distributors: brass **8531** (DN 32), year of manufacture 2005 - 2018. Including lower part.	3 **F900** 56	**1**	
	**HERZ flow meter** for floor heating return distributor **8532** manufactured up to 2005.	1 **6413** 00	**1**	
	**Upper thermostatic insert** Replacement upper part for return collector, for cast distributors with body labelling Δ (triangle), manufactured as of 1999.	1 **6403** 02	**1**	
	**Upper shutoff insert** for floor distributors with body labelling Δ (triangle), manufactured as of 1999.	1 **6413** 02	**1**	
	**Upper shutoff insert** Replacement upper part for supply distributors for distributors with body labelling O (ring), manufactured up to 1999.	1 **6303** 00	**1**	
	**Upper thermostatic insert** Replacement upper part for return collector, for cast distributors with body labelling O (ring), manufactured up to 1999.	1 **6372** 02	**1**	
	**Draining valve** with hose connection, G 1/2, cap red, brass version, hose connection 1 **6206** 01 must be ordered separately.	1 **8535** 54	**1**	

Customer Protection Notice

1. Definition of Terms and Scope of Validity

1.1. In order to be entitled to claim services under the present Certificate of Guarantee, the claiming party must hold a trade licence for the installation of low-pressure central heating systems and hot water preparation plants of the upper and lower categories or a trade licence for gas fitters and plumbers.

1.2. Under the present Certificate of Guarantee "Products" shall designate all heating components manufactured by us after October 1st, 2026, bought new by the party entitled to raise a claim either directly from us or directly from one of our authorized dealers in Austria, unless these components have been exempted from the validity of the Certificate of Guarantee by express declaration to the party entitled to raise a claim or are generally exempted from such guarantee. There are special provisions for electronic and electric products such as HERZ electronic thermostats and actuating drives, HERZ actuating drives, HERZ room temperature controllers, HERZ transformers and wireless control systems and devices, which are not covered by the Certificate of Guarantee. Furthermore, wear parts of HERZ components such as seals are not covered by the present Certificate of Guarantee.

1.3. A case of damage in the sense of the Certificate of Guarantee occurs when a customer of a party entitled to raise claims with HERZ raises a warranty claim against the said party for any damage caused by an error in design or a defect in manufacturing or materials of the products.

1.4. The geographic validity of the Certificate of Guarantee shall be limited to places within Europe and Turkey.

2. Extent of Services rendered under the Certificate of Guarantee

We shall render the following services under the present Certificate of Guarantee (excluding any further claims):

2.1. Replacement free of charge of the products or product components required for repairing the damage, postage paid to claim location.

2.2. At our discretion:

a) performing the required dismantling /disassembly and assembly/ installation of products or product components or

b) repairing the original product or product components or

c) paying the costs for the services as mentioned above.

2.3. Repairing the immediate material damage caused by the defective products or paying the costs for the services as mentioned above.

2.4. Reimbursement of the direct personal injury costs caused by the products.

2.5. Our liability according to 2.1. to 2.3. is limited to €500,000.00 per claim.

2.6. Without prejudice to the provisions of item 4.1. our liability shall be limited in terms of time to claims arising within a period of 5 years after manufacturing of the products causing the damage.

2.7. Our liability is limited to claims arising out of errors in design, defects in manufacturing or materials of the products and based on the absence of characteristics which have either been guaranteed by us or which can be expected in accordance with the state of technology or with trade practice.

3. Obligations of the Party Entitled to Raise Claims

It is a condition precedent for the implementation of the present Certificate of Guarantee that the party entitled to raise claims meet the below mentioned obligations. Failure to meet any or several of these obligations shall relieve HERZ of any and all obligations under the present Guarantee.

3.1. During installation and use of the products it is imperative to observe our instructions for installation and maintenance valid at the moment of installation and laid down in the brochures, standard sheets, as well as our information regarding the scope of application of the products. Furthermore, it is imperative to proceed with due care according to the state of technology, particularly during maintenance.

3.2. As soon as the party entitled to raise a claim detects or learns of a case of damage, it shall forthwith inform HERZ of such damage (not later than on the 3rd working day thereafter) by certified mail or email and shall make available to us all information requested by us. The information shall be submitted in writing upon our request.

3.3. The party entitled to raise a claim shall make sure that the representatives of our company and the agents of our insurance company be granted access to the place of damage immediately after giving notice of the claim and shall take all appropriate measures to determine the cause and scope of the damage. In particular, the party entitled to raise a claim shall keep and make available the products or product components which caused the damage.

3.4. The burden of proof lies on the injured party. The eligible party may not either in our name or in its own name recognise an obligation to provide compensation for damages, either in terms of basis or amount. Any declaration extending the scope of damages offered by the present Certificate of Guarantee and by the applicable legal provisions made by the party entitled to raise a claim before or after the occurrence of damage, are not permitted and shall not be binding on us.

4. Period of validity and formal provisions

4.1. The present Certificate of Guarantee shall cover claims for damage occurring between October 1st, 2026 and September 30th, 2031. We reserve the right to extend this period.

5. Place of Fulfilment, Jurisdiction, Applicable Law

5.1. The place of fulfilment shall be Vienna The court having subject-matter jurisdiction for our company in Vienna shall have exclusive jurisdiction. Any disputes arising from the present Certificate of Guarantee shall be settled according to Austrian Law. The application of the Vienna UN Convention on Contracts for the International Sale of Goods is excluded.

Vienna, October 2026



Terms and Conditions of Sale, Delivery and Payment

1. Offers, order acknowledgements, contract conclusion

1.1. All offers are without obligation. We reserve the right to modify, supplement or discontinue our production at any time.

1.2. Our written acknowledgement of order constitutes a contract, an acknowledgement of order by facsimile is sufficient also. The content of the acknowledgement of order shall at the same time be the content of the contract unless the customer raises an objection against it immediately after receipt. Otherwise, our acknowledgement of order and our Terms and Conditions of Sale, Delivery and Payment shall be deemed to have been accepted.

1.3. After the acknowledgement of order has been sent, the order placed with us can no longer be modified or cancelled.

1.4. The present Terms and Conditions of Sale, Delivery and Payment shall supersede any purchasing conditions of our customers in any case.

1.5. The prices are understood as ex works, unpackaged, carriage forward and without VAT.

1.6. In case of an increase in costs during the period between the acknowledgement of order and delivery, we shall be entitled to make the respective price adjustments.

1.7. In case that a component of a fitting ordered is not needed, the price deduction shall not be made according to the component price but according to our price calculation.

1.8. Declarations made or to be made by HERZ to our contract partners come into force once the declarations have been sent to the mailing address provided to us even if this mailing address has changed and we were not notified of this change immediately.

1.9. Changes and additions to this contract are only valid with written confirmation by persons at our company registered as authorised representatives in the commercial register. Our other employees are not authorised to agree on changes or ancillary agreements.

2. Conditions of Payment

2.1. As long as nothing else is given in the order confirmation, payments are net cash at receipt of the invoice and without any discount.

2.2. In the event of late payment, we reserve the right to charge interest on default in the amount of 10% above the respective Austrian bank rate per annum, however no less than 1% per month. Only payments made to the respective point of payment specified in the invoice shall be recognised by us. In the case of bank transfers, the payment is only considered made when the invoice amount has been irrevocably credited to our account.

2.3. Bills of exchange, cheques and payments by payment order shall only be recognised on account of payment.

2.4. Upon payment by acceptance or customer's bill, the arising discounting charges shall be bourne by the debtor.

2.5. The date of the invoice shall be relevant for the date of payment in any case, even if goods are received with a delay for reasons not to be attributed to us.

2.6. Missing the payment deadline, loss of creditworthiness of the ordering party or other legitimate reasons entitle us, at our discretion, to withdraw from the contract or to declare all of our claims to be due immediately without consideration of the agreed payment deadline, all without hereby justifying a claim to performance or compensation for damages against us.

3. Retention of Title

3.1. The goods supplied by us shall remain our property until payment in full has been made for any and all goods supplied. This shall also apply to the payment of any bills of exchange accepted in payment by us. Our ownership right transfers in the event of sale by the purchaser to the proceeds obtained by the purchaser and in the event of further processing to the end product (proportionally). In the event of sale by the purchaser, the purchaser must inform its buyer of the existence of the reservation of ownership.

3.2. The purchaser must inform us immediately if third parties assert claims to the goods delivered under reservation of ownership or claim rights thereto. Any legal expenses shall be borne by the purchaser.

4. Packing and Dispatch

4.1. The goods will be packed to commercial standards at the purchaser's expense. Packing materials will not be taken back. The packing shall be dimensioned assuming customary transport conditions.

4.2. The goods will be dispatched ex-works at the risk of the purchaser, even in case of delivery freight prepaid.

4.3. The seller shall be obliged to take out insurance only if and to the extent that this has been agreed upon in writing.

5. Product Modifications

5.1. We reserve the right to make design modifications, to change tolerances and to make improvements.

5.2. In case of special designs manufactured according to customer sample, model or drawing, we reserve the right to supply up to 5 % more or less than the quantity ordered.

6. Complaints

6.1. Defects or damage discernible during a proper receipt inspection must be reported immediately after receipt of the goods; indiscernible defects must be reported immediately after their discovery. However, any warranty claim shall expire three months after delivery.

6.2. Deviations in the quantity of units supplied or in weight must also be reported to the transporter or forwarding company (carrier) upon receipt of the goods and the differences must be documented. Any defective units shall be returned to us without delay freight prepaid.

7. Warranty

7.1. We will perform our warranty obligation by replacing free of charge any items which verifiably become entirely unusable within three months due to defective material or defective production, if the defective parts are returned within four months from delivery.

8. Returned goods

8.1. Returned goods shall only be accepted with our prior written consent and only carriage paid to our plant in Vienna in undamaged condition.

8.2. Return of items made to order will not be accepted in any case.

9. Late delivery and release from the delivery obligation

9.1. The obligation to deliver and to adhere to the delivery period shall be suspended by any extraordinary events and circumstances not to be attributed to us which causes a relevant interruption of operations or makes the dispatch of goods impossible.

9.2. In the event that dispatching of goods is impossible, we shall be entitled to store any goods already manufactured at the expense and risk of the buyer. In that case, the goods will be invoiced to the buyer as if they had already been supplied.

9.3. If we are late with the delivery, the purchaser must agree to a reasonable deadline extension of not less than six weeks. The purchaser is no longer entitled to withdraw from the contract – even after setting of an extended deadline – if we have already begun production of the ordered goods.

10. Quality of a Consignment

10.1. The quality of a consignment cannot be assessed on the basis of the quality of individual items.

11. Damages, Limitation of Warranty

11.1. The amount of any claims is limited according to the net invoice value of the item in question.

11.2. We are entitled to resolve any guarantee claims by providing replacement articles. There is no entitlement to a price reduction.

11.3. Demands for compensation for damages arising from installation costs, processing costs, maintenance costs, etc. shall not be accepted or compensated by us under any circumstances.

11.4. Claims of the customer to compensation for damages, regardless of their legal basis, in particular due to late performance, impossibility of delivery, positive breach of obligation, negligence upon contract conclusion, consequential harm caused by defects, defects or prohibited actions are excluded insofar as they are not based on intent or gross negligence on our part. The existence of intent or gross negligence must be proven by the customer. Information issued by us (installation and maintenance instructions, details of areas of use for products, etc.) must be strictly adhered to. Where instructions are disregarded or ignored, the official conditions release us from any liability.

11.5. We accept no liability for damages arising from improper handling or use, excessive loading or natural wear. Furthermore, we do not assume liability with respect to any loss or damage caused by negligence nor any indirect or consequential loss.

11.6. Our liability for property damage from a product defect according to the Product Liability Act is excluded for all companies participating in the production and sale of our products as well as for all purchasers of our products, insofar as they are businesses. Our contract partners, insofar as they are businesses, accept the obligation to impose this liability disclaimer clause on their buyers, insofar as these in turn are businesses and our products are involved.

12. Place of Fulfilment and Jurisdiction

12.1. The place of fulfilment for all claims arising under the contract is Vienna, insofar as the goods are obtained from the plant in Vienna; if the goods are obtained from the plant in Kemeten, the place of fulfilment is Kemeten.

12.2. Vienna is agreed as the exclusive place of jurisdiction for all claims under the contract for contract partners from countries of the European Union as well as from countries of the European Economic Area and for contract partners registered in a country that has concluded an enforcement agreement with Austria.

12.3. Vienna is agreed as the place of jurisdiction for contract partners coming from countries that are not covered under item 12.2. The seller reserves the right to also assert the claim under the contract in the respective country before the respectively competent court.

12.4. Austrian law shall apply exclusively as subsidiary to these Terms of Sale, Delivery and Payment. The application of the Vienna UN Convention on Contracts for the International Sale of Goods is excluded.

Selection Table for Drives

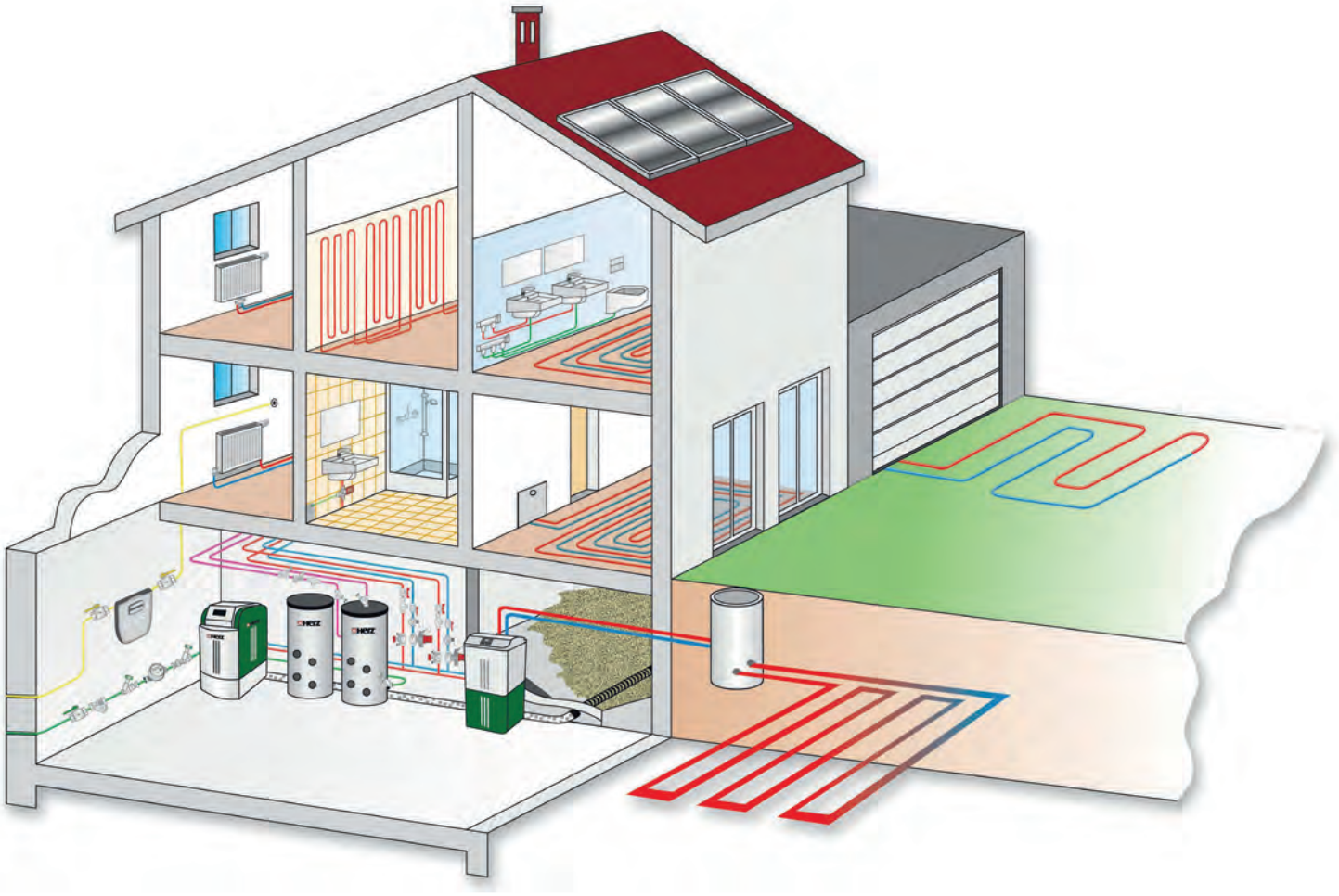
			1 **7712** 32 24 V continuous, 2/3-point 2.500 N, 49 mm	1 **7712** 21 24 V continuous, 2/3-point 2.500 N, 40 mm	1 **7712** 25 230 V, 2/3-point for **2137**	1 **7712** 27 24 V continuous, 2/3-point for **2137**	1 **7712** 33 230 V, 2/3-point for **2117**	1 **7712** 35 24 V continuous, 2/3-point for **2117**	F **7713** 01 24 V, 2-10 V 500 N, 15 mm	F **7713** 02 24 V, 2-10 V 1000 N, 20 mm	F **7713** 01 24 V, 2-10 V 2500 N, 40 mm
Combi valves	Dim.	kvs									
F **4006** 71	15	2,5							☑		
F **4006** 90									☑		
F **4006** 72	15	4							☑		
F **4006** 91									☑		
F **4006** 73	25	6,3							☑		
F **4006** 92									☑		
F **4006** 93	25	8							☑		
F **4006** 53									☑		
F **4006** 74	32	12							☑		
F **4006** 94									☑		
F **4006** 75	40	20							☑		
F **4006** 95									☑		
F **4006** 80	50	32							☑		
F **4006** 96									☑		
F **4006** 81	65	50		☑							
F **4006** 97				☑							
F **4006** 82	80	80		☑							
F **4006** 98				☑							
F **4006** 83	100	125		☑							
F **4006** 99				☑							
F **4006** 84	125	180		☑							
F **4006** 10				☑							
F **4006** 62	50	23,7							☑		
F **4006** 63	65	31,6							☑		
F **4006** 64	80	56,9								☑	
F **4006** 65	100	68								☑	
F **4006** 66	125	158,1		☑							☑
F **4006** 56	125 HF	179,3		☑							☑
F **4006** 67	150	229,3		☑							☑
F **4006** 57	150 HF	239		☑							☑
F **4006** 68	200	332		☑							☑
F **4006** 58	200 HF	358,6		☑							☑
F **4006** 48	200 UHF	379,6		☑							☑
F **4006** 69	250 SF	495		☑							☑
F **4006** 59	250 HF	490		☑							☑
2-port valves	Dim.	kvs									
F **4035** 01	15	1									
F **4035** 40											
F **4035** 11	15	1,6									
F **4035** 51											
F **4035** 21	15	2,5									
F **4035** 61											
F **4035** 31	15	4									
F **4035** 71											
F **4035** 03	25	6,3									
F **4035** 43											
F **4035** 13	25	10									
F **4035** 53											
F **4035** 04	32	16									
F **4035** 44											
F **4035** 05	40	25									
F **4035** 45											
F **4035** 16	50	40									
F **4035** 56											
F **4035** 07	65	63									
F **4035** 47			☑								
F **4035** 08	80	100									
F **4035** 48			☑								
F **4035** 09	100	160	☑								
F **4035** 49			☑								
F **4035** 10	125	250	☑								
F **4035** 50			☑								
F **4035** 41	150	330	☑								
F **4035** 52			☑								
3-port valves	Dim.	kvs									
F **4037** 01	15	1									
F **4037** 11	15	1,6									
F **4037** 21	15	2,5									
F **4037** 31	15	4									
F **4037** 03	25	6,3									
F **4037** 13	25	10									
F **4037** 04	32	16									
F **4037** 05	40	25									
F **4037** 16	50	40									
F **4037** 07	65	63									
F **4037** 08	80	100									
F **4037** 09	100	160	☑								
F **4037** 10	125	250	☑								
F **4037** 41	150	330	☑								
Mixer	Dim.										
1 **2137** 01	15				☑	☑					
1 **2137** 02	20				☑	☑					
1 **2137** 03	25				☑	☑					
1 **2137** 04	32				☑	☑					
1 **2137** 05	40				☑	☑					
1 **2137** 06	50				☑	☑					
Ball valves	Dim.										
1 **2117** 11	15						☑	☑			
1 **2117** 12	20						☑	☑			
1 **2117** 13	25						☑	☑			
1 **2117** 14	32						☑	☑			
1 **2117** 15	40						☑	☑			
1 **2117** 16	50						☑	☑			

☑ - direct installation

Selection Table for Drives

			F **7712** 90 24 V continuous, 500 N, 15 mm	F **7712** 91 24 V continuous, 1.000 N, 20 mm	F **7712** 92 24 V continuous, 2.500 N, 40 mm	F **7712** 95 24 V, 2/3-point, 500 N, 15 mm	F **7712** 96 24 V, 2/3-point, 1.000 N, 20 mm	F **7712** 98 24 V, 2/3-point, 2.500 N, 40 mm	F **7712** 81 230 V, 2/3-point, 500 N, 15 mm	F **7712** 82 230 V, 2/3-point, 1.000 N, 20 mm	F **7712** 84 230 V, 2/3-point, 2.500 N, 40 mm
Combi valves	Dim.	kvs									
F **4006** 71	15	2,5	☑			☑			☑		
F **4006** 90			☑			☑			☑		
F **4006** 72	15	4	☑			☑			☑		
F **4006** 91			☑			☑			☑		
F **4006** 73	25	6,3	☑			☑			☑		
F **4006** 92			☑			☑			☑		
F **4006** 93	25	8	☑			☑			☑		
F **4006** 53			☑			☑			☑		
F **4006** 74	32	12	☑			☑			☑		
F **4006** 94			☑			☑			☑		
F **4006** 75	40	20	☑			☑			☑		
F **4006** 95			☑			☑			☑		
F **4006** 80	50	32	☑			☑			☑		
F **4006** 96			☑			☑			☑		
F **4006** 81	65	50			☑			☑			☑
F **4006** 97					☑			☑			☑
F **4006** 82	80	80			☑			☑			☑
F **4006** 98					☑			☑			☑
F **4006** 83	100	125			☑			☑			☑
F **4006** 99					☑			☑			☑
F **4006** 84	125	180			☑			☑			☑
F **4006** 10					☑			☑			☑
F **4006** 62	50	23,7							☑		
F **4006** 63	65	31,6	☑						☑		
F **4006** 64	80	56,9					☑			☑	
F **4006** 65	100	68					☑			☑	
F **4006** 66	125	158,1			☑			☑			☑
F **4006** 56	125 HF	179,3			☑			☑			☑
F **4006** 67	150	229,3			☑			☑			☑
F **4006** 57	150 HF	239			☑			☑			☑
F **4006** 68	200	332			☑			☑			☑
F **4006** 58	200 HF	358,6			☑			☑			☑
F **4006** 48	200 UHF	379,6			☑			☑			☑
F **4006** 69	250 SF	495			☑			☑			☑
F **4006** 59	250 HF	490			☑			☑			☑
D **H406** 49	25LF	6,3	☑			☑			☑		
D **H406** 59	25	8	☑			☑			☑		
D **H406** 60	32	12,5	☑			☑			☑		
D **H406** 61	40	20	☑			☑			☑		
D **H406** 62	50	25	☑			☑			☑		
D **H406** 63	65	50		☑			☑			☑	
2-port valves	Dim.	kvs									
F **4035** 01	15	1	☑			☑			☑		
F **4035** 40			☑			☑			☑		
F **4035** 11	15	1,6	☑			☑			☑		
F **4035** 51			☑			☑			☑		
F **4035** 21	15	2,5	☑			☑			☑		
F **4035** 61			☑			☑			☑		
F **4035** 31	15	4	☑			☑			☑		
F **4035** 71			☑			☑			☑		
F **4035** 03	25	6,3	☑			☑			☑		
F **4035** 43			☑			☑			☑		
F **4035** 13	25	10	☑			☑			☑		
F **4035** 53			☑			☑			☑		
F **4035** 04	32	16		☑						☑	
F **4035** 44				☑			☑			☑	
F **4035** 05	40	25		☑			☑			☑	
F **4035** 45				☑			☑			☑	
F **4035** 16	50	40		☑			☑			☑	
F **4035** 56				☑			☑			☑	
F **4035** 07	65	63		☑			☑			☑	
F **4035** 47					☑			☑			☑
F **4035** 08	80	100		☑			☑			☑	
F **4035** 48					☑			☑			☑
F **4035** 09	100	160			☑			☑			☑
F **4035** 49					☑			☑			☑
F **4035** 10	125	250			☑			☑			☑
F **4035** 50					☑			☑			☑
F **4035** 41	150	330			☑			☑			☑
F **4035** 52					☑			☑			☑
D **H035** 23	25LF	6,3	☑			☑			☑		
D **H035** 13	25	10	☑			☑			☑		
D **H035** 14	32	16	☑			☑			☑		
D **H035** 15	40	25	☑			☑			☑		
D **H035** 16	50	40		☑			☑			☑	
D **H035** 17	65	63		☑			☑			☑	
3-port valves	Dim.	kvs									
F **4037** 01	15	1	☑			☑			☑		
F **4037** 11	15	1,6	☑			☑			☑		
F **4037** 21	15	2,5	☑			☑			☑		
F **4037** 31	15	4	☑			☑			☑		
F **4037** 03	25	6,3	☑			☑			☑		
F **4037** 13	25	10	☑			☑			☑		
F **4037** 04	32	16		☑			☑			☑	
F **4037** 05	40	25		☑			☑			☑	
F **4037** 16	50	40		☑			☑			☑	
F **4037** 07	65	63		☑			☑			☑	
F **4037** 08	80	100		☑			☑			☑	
F **4037** 09	100	160			☑			☑			☑
F **4037** 10	125	250			☑			☑			☑
F **4037** 41	150	330			☑			☑			☑

☑ - direct installation



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FN 101 622 w

Weil's ohne ♥ nicht geht