Dynamic thermostatic valves

Precise temperature control and automatic adjustment

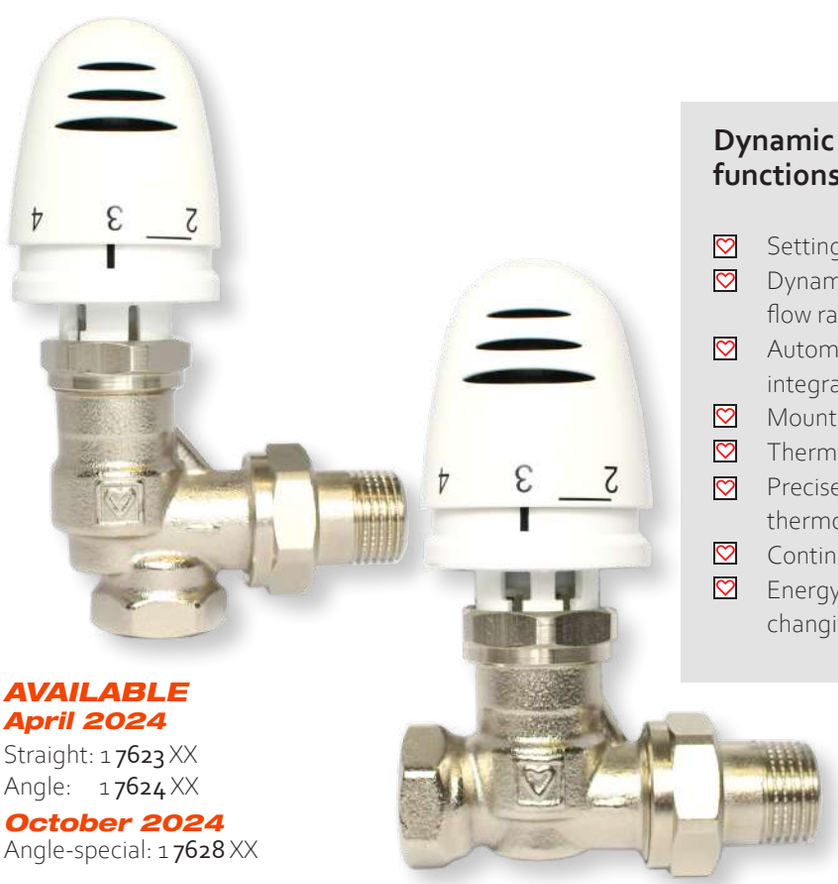
Dynamic thermostatic valves are installed directly on radiators and combine the classic thermostatic valve with a differential pressure regulator in one housing. The integrated differential pressure controller ensures that the required amount of water is available to each radiator. With a mounted HERZ thermostatic head, the required amount of water is automatically regulated depending on the set temperature.

Dynamic thermostatic valves in angle, reverse angle and straight versions.

The HERZ dynamic thermostatic valve TS-120-V SMART has an integrated differential pressure controller. This enables the dynamic thermostatic valve to keep the flow rate at the radiator constant under changing pressure conditions. Pressure fluctuations caused by the opening or closing of other radiators in the system are compensated for completely automatically. Neither system changes nor system extensions require readjustment or a change to the setting on the dynamic thermostatic valve, which keeps the cost of hydraulic balancing to a minimum.

In combination with the HERZ thermostatic heads, the proven HERZ thermostatic valve insert provides highly efficient and reliable room temperature control. Precision, accuracy and efficiency meet the high expectations of a HERZ thermostatic valve.

An angle, straight and a reverse angle versions are available in DN 15 and can control flow ranges from 10 l/h to 120 l/h, depending on where they are used. The maximum differential pressure of 60 kPa enables a wide range of applications.



AVAILABLE
April 2024
Straight: 1 7623 XX
Angle: 1 7624 XX
October 2024
Angle-special: 1 7628 XX

Dynamic thermostatic valve TS-120-V SMART functions

- Setting the desired flow rate
- Dynamic constant maintenance of the set flow flow rate at the radiator
- Automatic compensation of pressure fluctuations through integrated differential pressure controller
- Mounting of a thermostatic head
- Thermostatic head connection thread M 28 × 1.5
- Precise power control of the radiator in combination thermostatic valve-thermostatic head
- Continuous precise room temperature control
- Energy-efficient operation of the entire system with changing conditions