MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

SRK45ZSP-W1 / SRC45ZSP-W1

4.5(1.3~4.8)

Indoor Unit : SRK45ZSP-W1 Outdoor Unit : SRC45ZSP-W1

R32

Specifications

Indoor unit				SRK45ZSP-W1
Outdoor unit				SRC45ZSP-W1
Power source				1 Phase, 220 - 240V, 50Hz
Nominal cooling capacity (Min~Max)			kW	4.5(1.3~4.8)
Nominal heating capacity (Min~Max)			kW	5.0(1.2~5.8)
Power consumption		Cooling/Heating	kW	1.390 / 1.360
EER/COP		Cooling/Heating		3.23 / 3.68
Max. running current			A	14.5
Sound power level	Indoor	Cooling/Heating	dB(A)	57 / 62
	Outdoor	Cooling/Heating		64 / 62
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)		44 / 37 / 22
		Heating (Hi/Me/Lo/Ulo)		48 / 40 / 28
	Outdoor	Cooling/Heating		51 / 51
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	9.7 / 7.8 / 3.7
		Heating (Hi/Me/Lo/Ulo)		12.0 / 8.8 / 5.4
	Outdoor	Cooling/Heating		35.6 / 33.4
Exterior Dimensions	Indoor	Height x Width x Depth	mm	267 x 783 x 210
	Outdoor			595 x 780(+62) x 290
Net weight	Indoor / Outdoor		kg	7.0 / 24.0
Refrigerant		Type/GWP		R32 / 675
Refrigerant		Charge	kg/TCO2Eq	0.950 / 0.641
Refrigerant piping size		Liquid/Gas	ø inch	6.35(1/4") / 12.7(1/2"
Refrigerant line (one way) length			m	Max. 25
Vertical height differences		Outdoor is higher/lower	m	Max. 15 / Max. 15
Outdoor operating temperature range		Cooling	°C	-15~46
		Heating		-15~24
Clean filter				-
Energy Class (Cooling/Heating)				A++/A+
SEER				6.40
SCOP (Average climate)				4.20
Pdesign (cooling/heating(@-10°C))			kW	4.50/3.80
Annual Electricity Consumption (cooling/heating)			kWh/a	247/1266
Designated Heating Season				Average

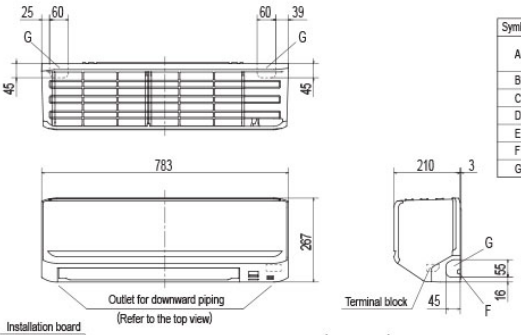
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
• 'tonne(s) of CO2 equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.
• SEER/SCOP are based on EN14825:2016 and Commission regulation (EU) No.2016/2281

Schematics

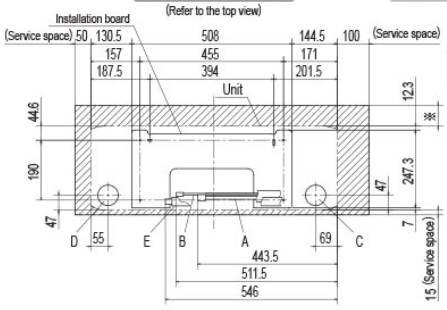
EXTERIOR DIMENSIONS

(1) Indoor units

Models SRK25ZSP-W1, 35ZSP-W1, 45ZSP-W1, 50ZSP-W1



Symbol	Content	
A	Gas piping	SRK25,35 ϕ9.52(3/8") (Flare)
		SRK45,50 ϕ12.7(1/2") (Flare)
B	Liquid piping	ϕ6.35(1/4") (Flare)
C	Hole on wall for right rear piping	(ϕ65)
D	Hole on wall for left rear piping	(ϕ65)
E	Drain hose	VP16
F	Outlet for wiring	
G	Outlet for piping (on both side)	



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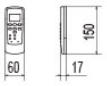
	Service space	65
	Recommendation	80

Space for installation and service when viewing from the front

Wireless remote control

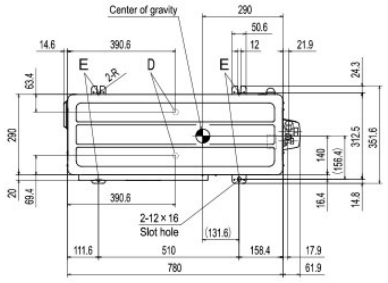


Note The model name label is attached on the underside of the indoor unit.

Unit:mm

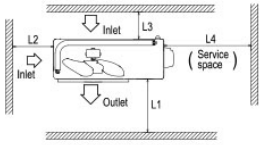
Models SRC45ZSP-W1, 50ZSP-W1

Symbol	Content	
A	Service valve connection (gas side)	ϕ12.7 (1/2") (Flare)
B	Service valve connection (liquid side)	ϕ6.35 (1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20 × 2 places
E	Anchor bolt hole	M10-12 × 4 places

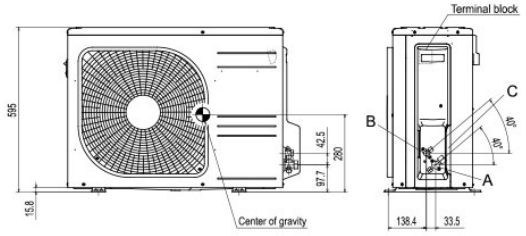


Notes

(1) The unit must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts.
An anchor bolt must not protrude more than 15mm.
(3) If the unit is installed in the location where there is a possibility of strong winds, place the unit such that the direction of air from the outlet gets perpendicular to the wind direction.
(4) Leave 200mm or more space above the unit.
(5) The wall height on the outlet side should be 1200mm or less.
(6) The model name label is attached on the right side of the unit.



	Installation space
L1	280 or more
L2	100 or more
L3	80 or more
L4	250 or more



Unit:mm