MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

SRK50ZS-W / SRC50ZS-W

5.0(1.3~5.5)

Indoor Unit : SRK50ZS-W

Outdoor Unit : SRC50ZS-W

R32

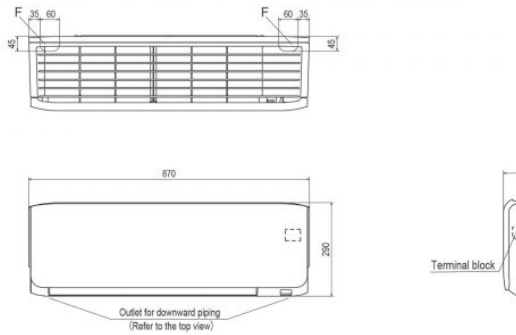
Specifications

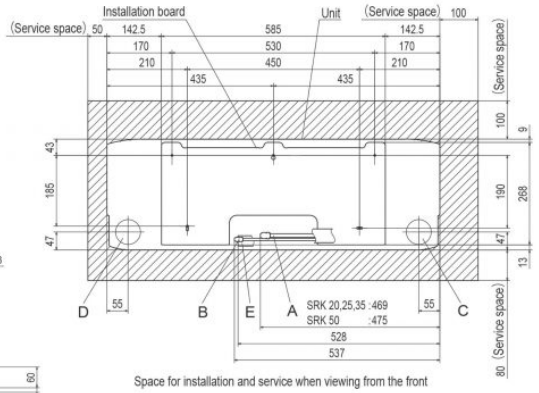
Indoor unit				SRK50ZS-W
Outdoor unit				SRC50ZS-W
Power source				1Phase, 220 - 240, 50Hz
Nominal cooling capacity (Min~Max)			kW	5.0(1.3~5.5)
Nominal heating capacity (Min~Max)			kW	5.8(1.3~6.6)
Power consumption		Cooling/Heating	kW	1.35 / 1.56
EER/COP		Cooling/Heating		3.70 / 3.72
Max. running current			A	14.5
Sound power level	Indoor	Cooling/Heating	dB(A)	59 / 60
	Outdoor	Cooling/Heating		61 / 63
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)		46 / 36 / 29 / 22
		Heating (Hi/Me/Lo/Ulo)		46 / 37 / 31 / 24
	Outdoor	Cooling/Heating		51 / 52
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	12.1 / 9.9 / 7.4 / 5.9
		Heating (Hi/Me/Lo/Ulo)		13.9 / 11.2 / 9.1 / 7.4
	Outdoor	Cooling/Heating		32.8 / 32.8
Exterior Dimensions	Indoor	Height x Width x Depth	mm	290 x 870 x 230
	Outdoor			595 x 780(+62) x 290
Net weight	Indoor / Outdoor		kg	10.0 / 36.0
Refrigerant		Type/GWP		R32 / 675
Refrigerant		Charge	kg/TCO2Eq	1.05 / 0.709
Refrigerant piping size		Liquid/Gas	mm (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				Allergen Clear Filter x 1, Photocatalytic Washable Deodorizing Filter x 1
Energy Class (Cooling/Heating)				A++/A++
SEER				7.00
SCOP (Average climate)				4.60
Pdesign (cooling/heating(@-10°C))			kW	5.00/3.80
Annual Electricity Consumption (cooling/heating)			kWh/a	250/1158
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

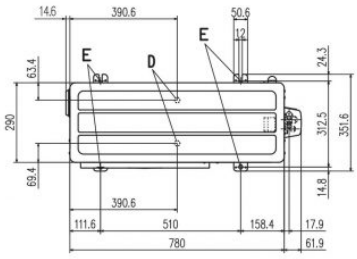
SRK20ZS-W,-WB,-WT SRK25ZS-W,-WB,-WT SRK35ZS-W,-WB,-WT SRK50ZS-W,-WB,-WT SRK20ZS-S,-SB,-ST SRK25ZS-S,-SB,-ST SRK35ZS-S,-SB,-ST SRK50ZS-S,-SB,-ST





Symbol	Content	
A	Gas piping	SRK20, 25, 35 ϕ9.52 (3/8") (Flare) SRK50 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 piping (on both side)	

SRC50ZS-W,-S SRC25ZMX-S SRC35ZMX-S SRC45ZSP-W,-S



Symbol	Content	
A	Service valve connection (gas side)	ZMX : ϕ9.52(3 / 8") (flare) ZSZMP : 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	ϕ20×2places
E	Anchor bolt hole	M10×4places

Minimum installation space

Examples of installation / Dimensions	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open