MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

SRF50ZSX-W / SRC50ZSX-W2

5.0 (1.1 (Min.) - 5.6 (Max.))

Indoor Unit : SRF50ZSX-W

Outdoor Unit : RC50ZSX-W2

R32

Specifications

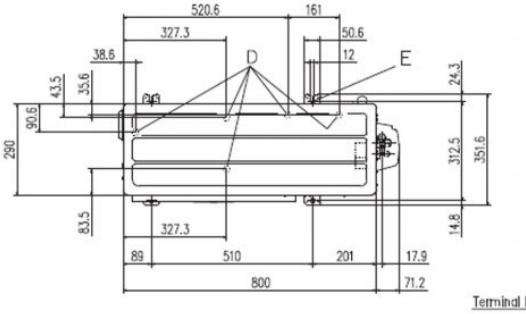
Indoor unit				SRF50ZSX-W
Outdoor unit				RC50ZSX-W2
Power source				1 Phase, 220 - 240V, 50Hz / 220V, 60Hz
Nominal cooling capacity (Min~Max)			kW	5.0 (1.1 (Min.) - 5.6 (Max.))
Nominal heating capacity (Min~Max)			kW	6.0 (0.8 (Min.) - 7.4 (Max.))
Power consumption		Cooling/Heating	kW	1.32 (0.19 - 1.90) / 1.58 (0.19 - 2.34)
EER/COP		Cooling/Heating		3.79 / 3.80
Max. running current			A	15
Sound power level	Indoor	Cooling/Heating	dB(A)	58 / 58
	Outdoor	Cooling/Heating		63 / 62
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)		46 / 38 / 33 / 28
		Heating (Hi/Me/Lo/Ulo)		46 / 41 / 38 / 32
	Outdoor	Cooling/Heating		51 / 51
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	11.5 / 9.6 / 7.4 / 6.6
		Heating (Hi/Me/Lo/Ulo)		12.0 / 10.0 / 9.4 / 7.6
	Outdoor	Cooling/Heating		39.0 / 33.0
Exterior Dimensions	Indoor	Height x Width x Depth	mm	600 x 860 x 238
	Outdoor			640 x 800 (+71) x 290
Net weight	Indoor / Outdoor		kg	19.0 / 45.0
Refrigerant		Type/GWP		R32/675
Refrigerant		Charge	kg/TCO2Eq	1.30 / 0.878
Refrigerant piping size		Liquid/Gas	ø inch	6.35 (1/4") / 12.7 (1/2")
Refrigerant line (one way) length			m	Max. 30 [15]
Vertical height differences		Outdoor is higher/lower	m	Max. 20 / Max. 20
Outdoor operating temperature range		Cooling	°C	-15~46
		Heating		-15~24
Clean filter				Allergen Clean Filter x 1 Photocatalytic Washable Deodorising Filter x 1
Energy Class (Cooling/Heating)				A++/A++
SEER				7.50
SCOP (Average climate)				4.60

• 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.
*1 The maximum external static pressure can be used up to 35Pa (25•35ZS) , 50Pa (50 •60ZS), but the airflow will be reduced.

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics

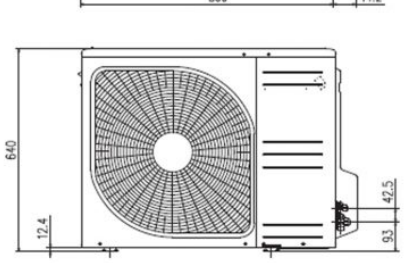
SRC20ZSX-W,-S SRC25ZSX-W,-S SRC35ZSX-W,-S
SRC40ZSX-W1,-S SRC50ZSX-W2,-S SRC60ZSX-W1,-S SRC63ZR-W,-S

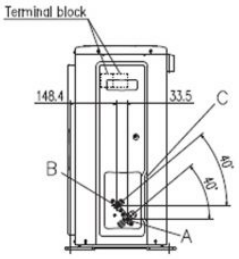


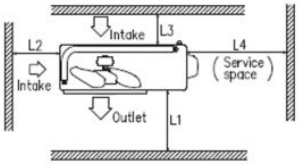
Symbol	Content	
A	Service valve connection (gas side)	20,25,35 ϕ9.52(3/8")(Flare) 40,50,60,63 ϕ12.7(1/2")(Flare)
B	Service valve connection (liquid side)	ϕ6.35 (1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20×5places
E	Anchor bolt hole	M10×4places

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







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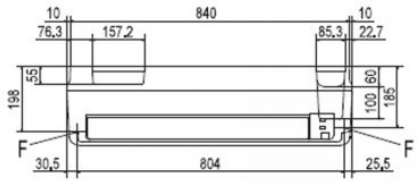
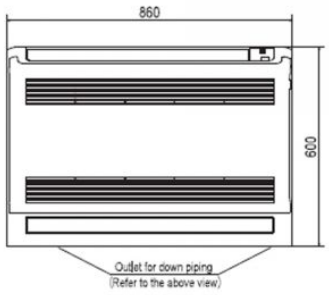
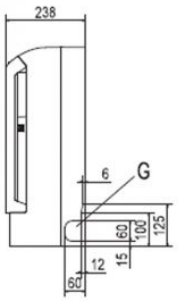
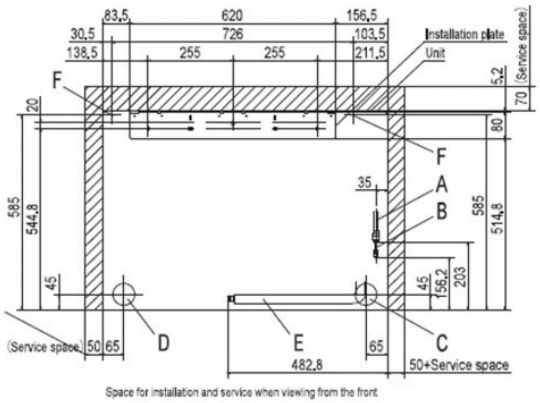
SRF25ZS-W SRF35ZS-W SRF50ZSX-W
SRF25ZMX-S SRF35ZMX-S SRF50ZMX-S









Symbol	Content	
A	Gas piping	Model: 25,35 : ϕ9,52 (3/8") (Flare) 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	Screw point fasten the indoor unit	ϕ5
G	Outlet for piping (on both side)	