MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

SRF50ZMX-S / SRC50ZMX-S

5.0 (1.1~5.2)

Indoor Unit : SRF50ZMX-S

Outdoor Unit : SRC50ZMX-S

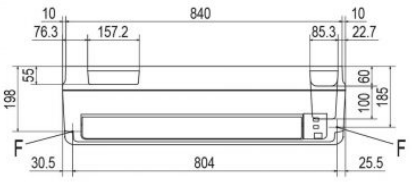
Specifications

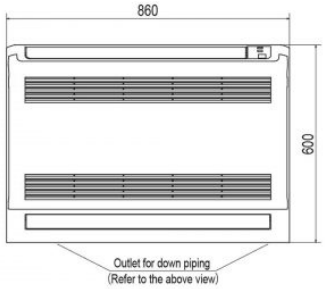
Indoor unit				SRF50ZMX-S
Outdoor unit				SRC50ZMX-S
Power source				1Phase, 220 - 240, 50Hz
Nominal cooling capacity (Min~Max)			kW	5.0 (1.1~5.2)
Nominal heating capacity (Min~Max)			kW	6.0 (0.6~6.9)
Power consumption		Cooling/Heating	kW	1.390 / 1.540
EER/COP		Cooling/Heating		3.60 / 3.90
Max. running 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 / 42 / 35 / 32
		Heating (Hi/Me/Lo/Ulo)		47 / 41 / 39 / 33
	Outdoor	Cooling/Heating		52 / 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		R410A / 2088
Refrigerant		Charge	kg/TCO2Eq	1.5 / 3.132
Refrigerant piping size		Liquid/Gas	ø mm	6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length			m	Max. 30
Vertical height differences		Outdoor is higher/lower	m	Max. 20 / Max. 20
Outdoor operating temperature range		Cooling	°C	-15~46
		Heating		-20~24
Clean filter				Allergen Clear Filter x 1 Photocatalytic Washable Deodorizing Filter x 1
Energy Class (Cooling/Heating)				A++/A
SEER				6.12
SCOP (Average climate)				3.87
Pdesign (cooling/heating(@-10°C))			kW	5.00/4.80
Annual Electricity Consumption (cooling/heating)			kWh/a	286/1736
Designated Heating Season				Average

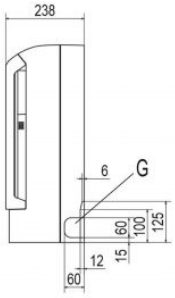
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level indicates the value in an anechoic chamber. During operation these values are somewhat 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

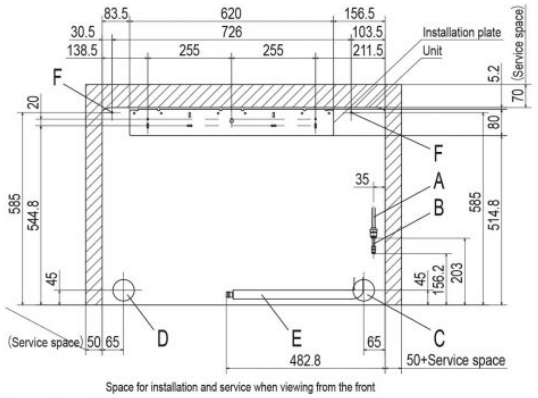
Schematics

SRF25ZMX-S SRF35ZMX-S SRF50ZMX-S



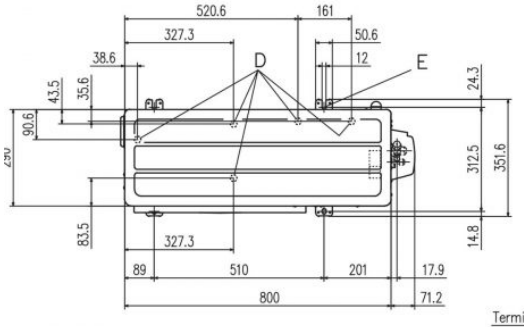






Symbol	Content		
A	Gas piping	Model	25,35 : ϕ9.52(3/8") (Flare) 50 : ϕ12.7(1/2") (Flare)
B	Liquid piping		ϕ6.35(1/4") (Flare)
C	Hole on wall for right rear piping		(ϕ65)
D	Hole on wall for left rear piping		(ϕ65)
E	Drain hose		VP16
F	Screw point fasten the indoor unit		ϕ5
G	Outlet for piping (on both side)		

SRC20ZSX-W,-S SRC25ZSX-W,-S SRC35ZSX-W,-S SRC40ZSX-W,-S SRC50ZSX-W,-S SRC60ZSX-W,-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