MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

SRF35ZMX-S / SRC35ZMX-S

3.5 (0.9~4.1)

Indoor Unit : SRF35ZMX-S

Outdoor Unit : SRC35ZMX-S

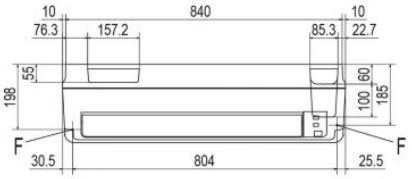
Specifications

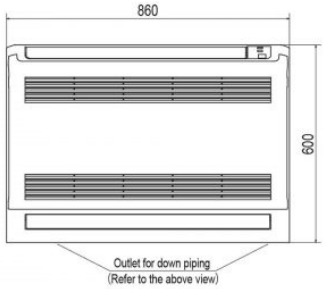
Indoor unit				SRF35ZMX-S
Outdoor unit				SRC35ZMX-S
Power source				1Phase, 220 - 240, 50Hz
Nominal cooling capacity (Min~Max)			kW	3.5 (0.9~4.1)
Nominal heating capacity (Min~Max)			kW	4.5 (0.9~5.1)
Power consumption		Cooling/Heating	kW	0.890 / 1.124
EER/COP		Cooling/Heating		3.93 / 4.00
Max. running current			A	8
Sound power level	Indoor	Cooling/Heating	dB(A)	52 / 52
	Outdoor	Cooling/Heating		63 / 62
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)		41 / 34 / 32 / 28
		Heating (Hi/Me/Lo/Ulo)		41 / 36 / 35 / 31
	Outdoor	Cooling/Heating		50 / 50
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	9.2 / 7.8 / 7.3 / 6.4
		Heating (Hi/Me/Lo/Ulo)		10.7 / 8.3 / 8.1 / 7.4
	Outdoor	Cooling/Heating		32.5 / 29.5
Exterior Dimensions	Indoor	Height x Width x Depth	mm	600 x 860 x 238
	Outdoor			595 x 780(+62) x 290
Net weight	Indoor / Outdoor		kg	19.0 / 35.0
Refrigerant		Type/GWP		R410A / 2088
Refrigerant		Charge	kg/TCO2Eq	1.2 / 2.506
Refrigerant piping size		Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")
Refrigerant line (one way) length			m	Max. 15
Vertical height differences		Outdoor is higher/lower	m	Max. 10 / Max. 10
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				6.75
SCOP (Average climate)				4.26
Pdesign (cooling/heating(@-10°C))			kW	3.50/3.30
Annual Electricity Consumption (cooling/heating)			kWh/a	182/1085
Designated Heating Season				Average

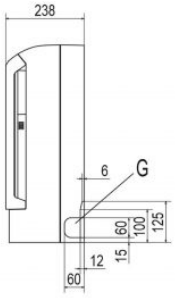
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level indicates the value in an anechoic chamber. During operation these values are somewhat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

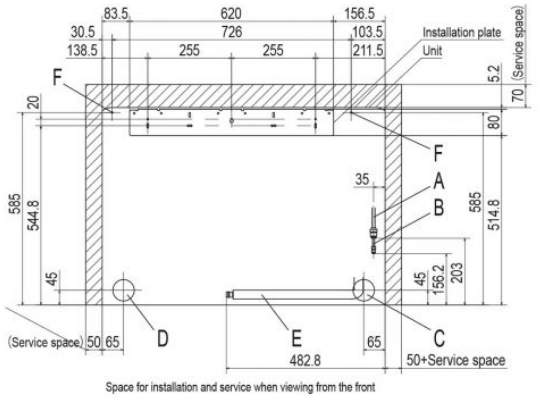
Schematics

SRF25ZMX-S SRF35ZMX-S SRF50ZMX-S



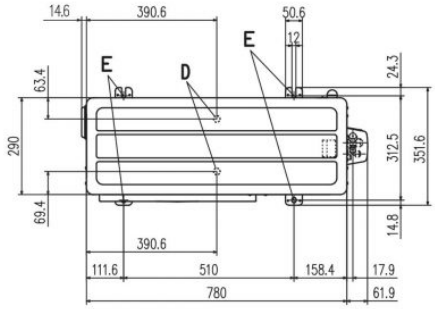






Symbol	Content		
A	Gas piping	Model	25,35 : ϕ9.52(3/8") (Flare) 50 : ϕ12.7(1/2") (Flare)
B	Liquid piping		ϕ6.35(1/4") (Flare)
C	Hole on wall for right rear piping		(ϕ65)
D	Hole on wall for left rear piping		(ϕ65)
E	Drain hose		VP16
F	Screw point fasten the indoor unit		ϕ5
G	Outlet for piping (on both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

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



Symbol	Content	
A	Service valve connection (gas side)	ZMX : ϕ9.52(3/8") (flare) ZS,ZMP : 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