MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE



SCM100ZS-W

10.0kW

Specifications

Power source			1 Phase, 220 - 240V, 50Hz / 220V, 60Hz
Nominal cooling capacity (Min~Max)		kW	10.0 (1.7~11.5)
Nominal heating capacity (Min~Max)		kW	10.5 (0.9~11.5)
Power consumption	Cooling/Heating	kW	2.70 (0.48~3.65) / 2.38 (0.37~2.90)
EER/COP	Cooling/Heating		3.70 / 4.41
Max. running current		A	21
Sound power level	Cooling	dB(A)	67
	Heating		72
Sound pressure level	Cooling	dB(A)	54
	Heating		59
Air flow	Cooling	m^3/min	75.0
	Heating		75.0
Exterior Dimensions	Height x Width x Depth	mm	945 x 970 x 370
Net weight		kg	73
Refrigerant	Type/GWP		R32/675
	Charge	kg/TCO2Eq	2.98/2.012
Refrigerant piping size	Liquid/Gas	mm (⌀ inch)	Liquid line: φ 6.35(1/4")×5 / Gas line: φ 9.52 (3/8") × 5
Outdoor operating temperature range	Cooling	°C	-15~46
	Heating		-15~24
Number of Connectable indoor units			Min. 2 - Max. 5
Total indoor units capacity			16.0

• 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.
• In case of SRK71ZR + SRK71ZR, 2 Indoor units can be connectable. The total connecting capacity of indoor units should be between 100 ~ 160.

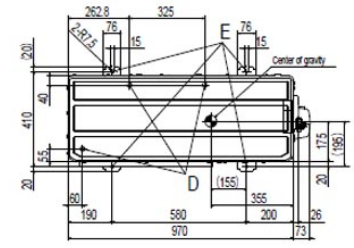
Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

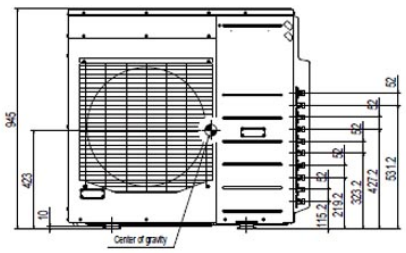
Schematics

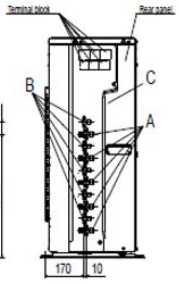
Outdoor units
SCM100ZS-W

1.2 Exterior dimensions
Model SCM100ZS-W

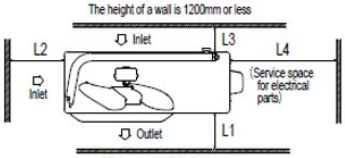
Symbol	Content	
A	Service valve connection (gas side)	ϕ9.52(3/8") (Flare)
B	Service valve connection (liquid side)	ϕ6.35(1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20 × 3places
E	Anchor bolt hole	M10-12 × 4places







Notes
(1) It must not be surrounded by walls on four sides.
(2) The unit must be fixed with anchor bolts.
An anchor bolt must not protrude more than 15mm.
(3) Where the unit is subjected to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
(4) Leave 1.2m or more space above the unit.
(5) A wall in front of the blower outlet must not exceed the unit's height.



Minimum installation space

Examples of installation / Dimensions	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	250	250	250

Unit:mm

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