MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE



SCM125ZM-S

12.5kW

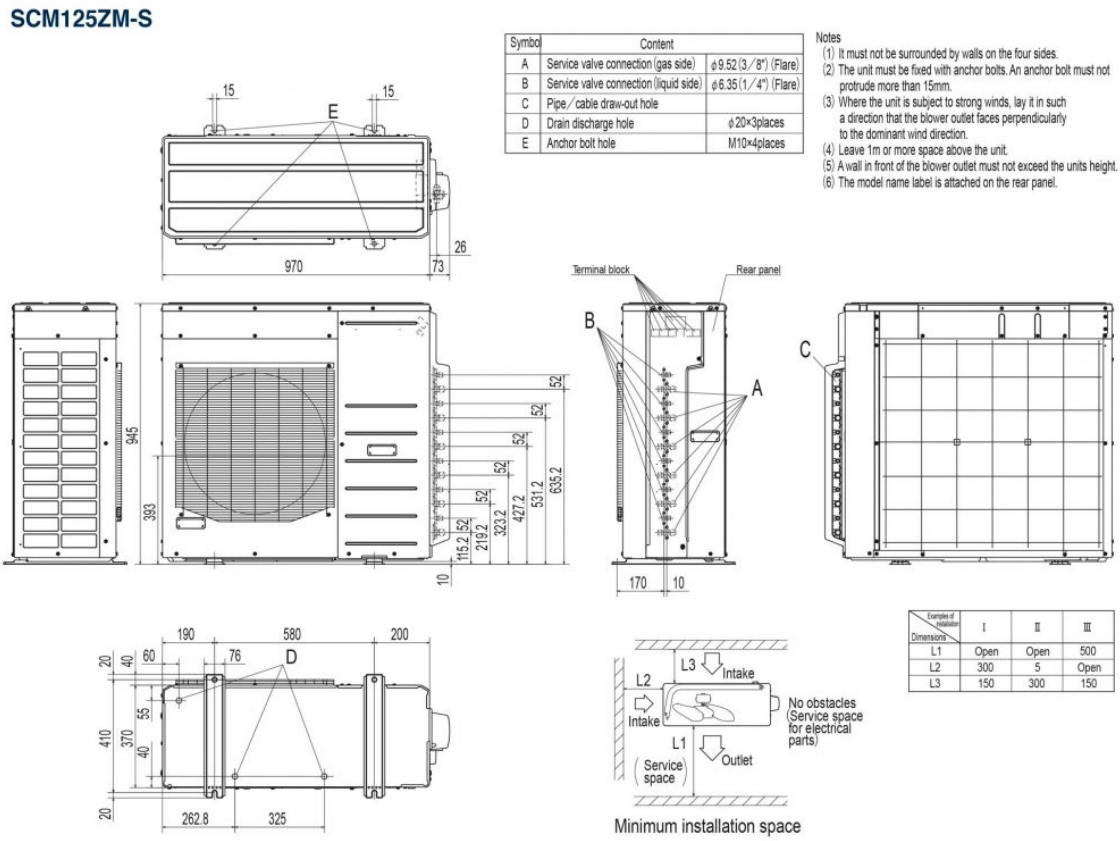
Specifications

Power source			1Phase, 220 - 240V, 50Hz
Nominal cooling capacity (Min~Max)		kW	12.5(1.8~14.0)
Nominal heating capacity (Min~Max)		kW	13.5(1.5~14.0)
Power consumption	Cooling/Heating	kW	3.90(0.65~4.80) / 3.25(0.70~3.42)
EER/COP	Cooling/Heating		3.21 / 4.15
Max. running current		A	29
Sound power level	Cooling	dB(A)	69
	Heating		72
Sound pressure level	Cooling	dB(A)	57
	Heating		60
Air flow	Cooling	m^3/min	75.0
	Heating		82.0
Exterior Dimensions	Height x Width x Depth	mm	945 ×970(+73) ×370
Net weight		kg	92.0
Refrigerant	Type/GWP		R410A/2088
	Charge	kg/TCO2Eq	6.0/12.528
Refrigerant piping size	Liquid/Gas	mm (ø inch)	6.35(1/4") ×6 / 9.52(3/8") ×6
Outdoor operating temperature range	Cooling	°C	-15~43
	Heating		-15~24
Number of Connectable indoor units			Min.4*~Max.6
Total indoor units capacity			19.5

• 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


SCM125ZM-S
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 | M10×4places
Notes
(1) It must not be surrounded by walls on the 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 subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
(4) Leave 1m or more space above the unit.
(5) A wall in front of the blower outlet must not exceed the units height.
(6) The model name label is attached on the rear panel.
Terminal block
Rear panel
Minimum installation space
L1
L2
L3
Intake
Outlet
Service space
No obstacles (Service space for electrical parts)
Examples of installation
Dimensions | I | II | III
L1 | Open | Open | 500
L2 | 300 | 5 | Open
L3 | 150 | 300 | 150