MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE

SCM71ZS-W

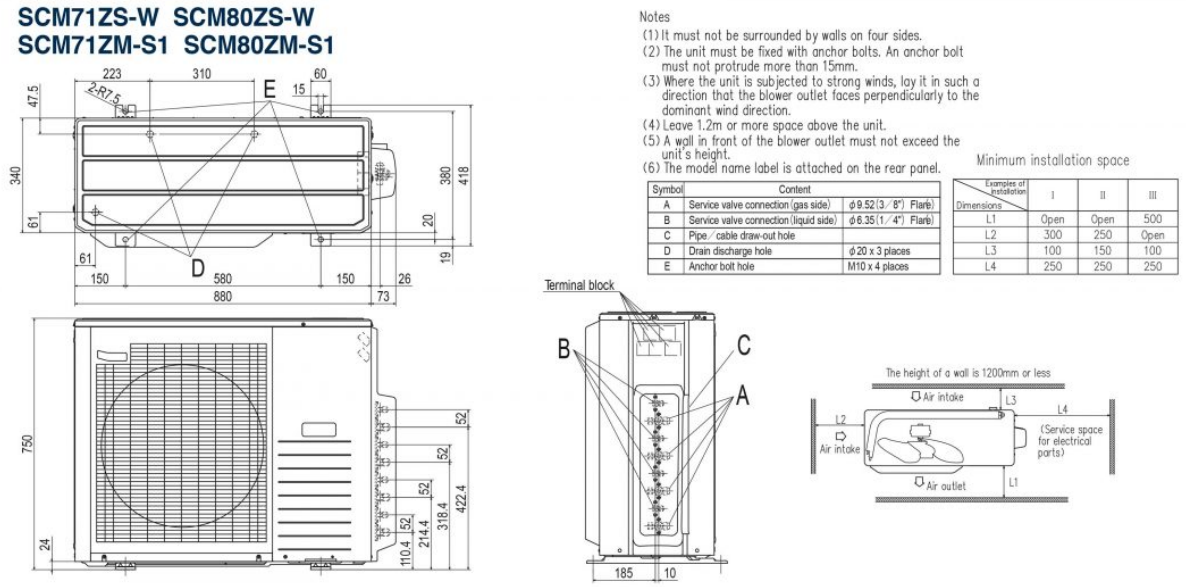
7.1kW

Specifications

Power source			1Phase, 220 - 240V, 50Hz
Nominal cooling capacity (Min~Max)		kW	7.1(1.8~8.8)
Nominal heating capacity (Min~Max)		kW	8.6(1.1~9.4)
Power consumption	Cooling/Heating	kW	1.42(0.48~2.75) / 1.75(0.35~3.00)
EER/COP	Cooling/Heating		5.00 / 4.91
Max. running current		A	20
Sound power level	Cooling	dB(A)	63
	Heating		67
Sound pressure level	Cooling	dB(A)	50
	Heating		54
Air flow	Cooling	m^3/min	50.0
	Heating		56.0
Exterior Dimensions	Height x Width x Depth	mm	750×880(+73)×340
Net weight		kg	61.0
Refrigerant	Type/GWP		R32/675
	Charge	kg/TCO2Eq	2.55/1.721
Refrigerant piping size	Liquid/Gas	ø mm	6.35(1/4")×4 / 9.52(3/8")×4
Outdoor operating temperature range	Cooling	°C	-15~46
	Heating		-15~24
Number of Connectable indoor units			Min 2~Max 4
Total indoor units capacity			12.5

• 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.

Schematics


SCM71ZS-W SCM80ZS-W
SCM71ZM-S1 SCM80ZM-S1
223
310
E
15
60
47.5
2-R7.5
340
61
380
418
20
19
61
150
D
580
150
26
880
73
750
52
52
52
422.4
318.4
214.4
110.4
24
Terminal block
B
C
A
185
10
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.
(6) The model name label is attached on the rear panel.
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 x 3 places
E Anchor bolt hole M10 x 4 places
Minimum installation space
Examples of installation / Dimensions I II III
L1 Open Open 500
L2 300 250 Open
L3 100 150 100
L4 250 250 250
The height of a wall is 1200mm or less
Air intake
L3
L4
L2
Air intake
(Service space for electrical parts)
Air outlet
L1