



SCM80ZS-W

8.0kW

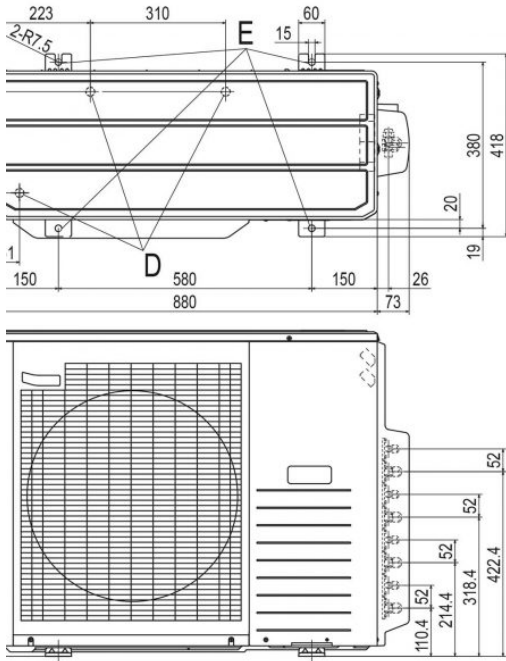
Specifications

Power source			1Phase, 220 - 240V, 50Hz
Nominal cooling capacity (Min~Max)		kW	8.0(1.8~9.2)
Nominal heating capacity (Min~Max)		kW	9.3(1.1~9.8)
Power consumption	Cooling/Heating	kW	1.70(0.48~2.83) / 1.95(0.35~3.12)
EER/COP	Cooling/Heating		4.71 / 4.77
Max. running current		A	20
Sound power level	Cooling	dB(A)	66
	Heating		67
Sound pressure level	Cooling	dB(A)	54
	Heating		54
Air flow	Cooling	m ³ /min	56.0
	Heating		56.0
Exterior Dimensions		Height x Width x Depth	mm
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")x4 / 9.52(3/8")x4
Outdoor operating temperature range	Cooling	°C	-15~46
	Heating		-15~24
Number of Connectable indoor units			Min 2~Max 4
Total indoor units capacity			13.5

- 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

1ZS-W SCM80ZS-W 1ZM-S1 SCM80ZM-S1



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.

Minimum installation space

Symbol	Content
A	Service valve connection (gas side) $\phi 9.52 (3/8")$ Flare
B	Service valve connection (liquid side) $\phi 6.35 (1/4")$ Flare
C	Pipe / cable draw-out hole
D	Drain discharge hole $\phi 20 \times 3$ places
E	Anchor bolt hole $M10 \times 4$ places

Dimensions	Examples of installation	
	I	II
L1	Open	Open
L2	300	250
L3	100	150
L4	250	250

