MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE



SCM50ZS-W

5.0kW

Specifications

Power source			1Phase, 220 - 240V, 50Hz
Nominal cooling capacity (Min~Max)		kW	5.0(1.7~7.1)
Nominal heating capacity (Min~Max)		kW	6.0(1.0~7.5)
Power consumption	Cooling/Heating	kW	1.02(0.43~2.15) / 1.16(0.32~2.50)
EER/COP	Cooling/Heating		4.90 / 5.17
Max. running current		A	15
Sound power level	Cooling	dB(A)	62
	Heating		64
Sound pressure level	Cooling	dB(A)	49
	Heating		52
Air flow	Cooling	m^3/min	41.0
	Heating		41.0
Exterior Dimensions	Height x Width x Depth	mm	640×850(+65)×290
Net weight		kg	48.5
Refrigerant	Type/GWP		R32/675
	Charge	kg/TCO2Eq	1.8/1.215
Refrigerant piping size	Liquid/Gas	mm (⌀ inch)	6.35(1/4") / 9.52(3/8")
Outdoor operating temperature range	Cooling	°C	-15~46
	Heating		-15~24
Number of Connectable indoor units			Min.2~Max.3
Total indoor units capacity			8.5

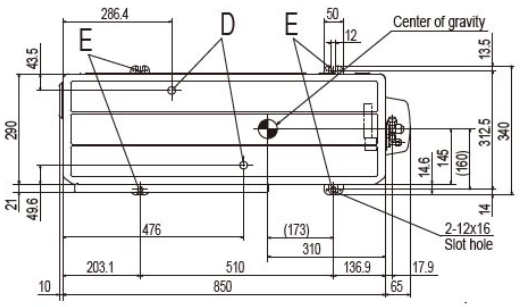
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level indicates the value in an anechoic chamber. During operation these values are somewhat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

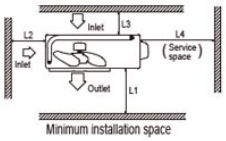
Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics

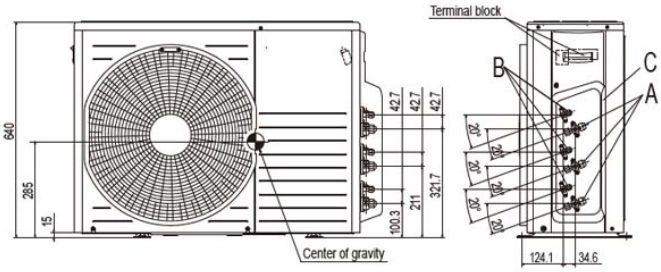
Unit: mm

Models SCM50ZS-W, 60ZS-W





Minimum installation space



Notes

(1) The unit 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) If the unit is installed in the location where there is a possibility of strong winds, place the unit such that the direction of air from the outlet gets perpendicular to the wind direction.
(4) Leave 200mm or more space above the unit.
(5) The wall height on the outlet side should be 1200mm or less.
(6) The model name label is attached on the right side of the unit.

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	ϕ20×2places
E	Anchor bolt hole	M10-12×4places

	Installation space
L1	600 or more
L2	100 or more
L3	100 or more
L4	No obstacles (Service space or electrical parts)

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