MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE

SCM71ZM-S1

7.1kW

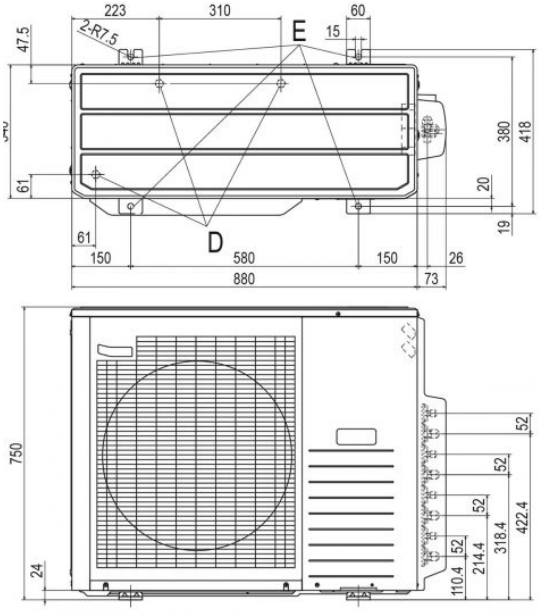
Specifications

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(1.5~9.4)
Power consumption	Cooling/Heating	kW	1.58(0.48~2.75) / 2.00(0.60~3.35)
EER/COP	Cooling/Heating		4.49 / 4.30
Max. running current		A	20
Sound power level	Cooling	dB(A)	63
	Heating		66
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	62.0
Refrigerant	Type/GWP		R410A/2088
	Charge	kg/TCO2Eq	3.15/6.577
Refrigerant piping size	Liquid/Gas	ø mm	6.35(1/4") ×4 / 9.52(3/8") ×4
Outdoor operating temperature range	Cooling	°C	-15~43
	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

SCM71ZM-S1 SCM80ZM-S1



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