



SRK100ZR-W / FDC100VNP-W

9.6 (2.1~9.6)

Indoor Unit : SRK100ZR-W

Outdoor Unit : FDC100VNP-W

Specifications

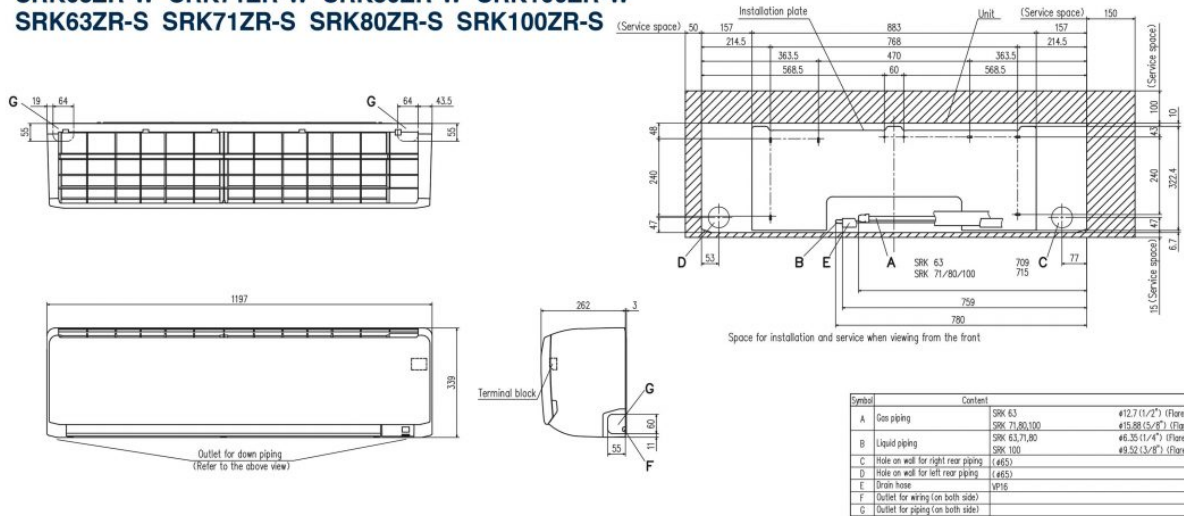
R32

Indoor unit		SRK100ZR-W	
Outdoor unit		FDC100VNP-W	
Power source		1Phase, 220 - 240, 50Hz	
Nominal cooling capacity (Min~Max)		kW	9.6 (2.1~9.6)
Nominal heating capacity (Min~Max)		kW	10.0 (1.7~10.4)
Power consumption	Cooling/Heating	kW	3.10 / 2.80
EER/COP	Cooling/Heating		3.10 / 3.57
Max. running current		A	19
Sound power level	Indoor	Cooling/Heating	59 / 62
	Outdoor	Cooling/Heating	68 / 67
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	48 / 45 / 40 / 27
		Heating (Hi/Me/Lo/Ulo)	48 / 43 / 38 / 30
	Outdoor	Cooling/Heating	56 / 54
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	24.5 / 21.3 / 17.6 / 10.4
		Heating (Hi/Me/Lo/Ulo)	27.5 / 23.2 / 19.1 / 13.6
	Outdoor	Cooling/Heating	63 / 55
Exterior Dimensions	Indoor	Height x Width x Depth	339 x 1197 x 262
	Outdoor		750 x 880(+88) x 340
Net weight	Indoor / Outdoor	kg	16.5 / 57.0
Refrigerant	Type/GWP		R32/675
Refrigerant	Charge	kg/TCO2Eq	1.7 / 1.148
Refrigerant piping size	Liquid/Gas	mm (ø inch)	6.35(1/4") / 15.88(5/8")
Refrigerant line (one way) length		m	Max. 30
Vertical height differences	Outdoor is higher/lower	m	Max. 20 / Max. 20
Outdoor operating temperature range	Cooling	°C	-15~46
	Heating		-15~24
Clean filter		Allergen Clear Filter x 1, Photocatalytic Washable Deodorizing Filter x 1	
Energy Class (Cooling/Heating)		A++/A+	
SEER		6.11	
SCOP (Average climate)		4.14	
Pdesign (cooling/heating(@-10°C))		kW	9.6/6.0
Annual Electricity Consumption (cooling/heating)		kWh/a	551/2028
Designated Heating Season		Average	

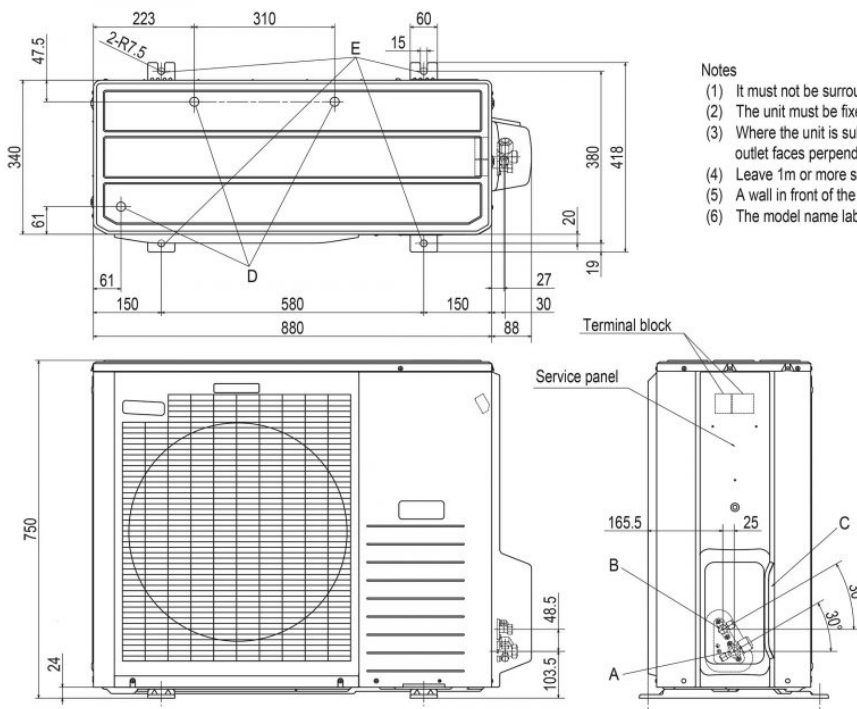
- The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- Sound level indicates the value in an anechoic chamber. During operation these values are somewhat 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.
- SEER/SCOP are based on EN14825:2016 and Commission regulation (EU) No.2016/2281

Schematics

SRK63ZR-W SRK71ZR-W SRK80ZR-W SRK100ZR-W SRK63ZR-S SRK71ZR-S SRK80ZR-S SRK100ZR-S

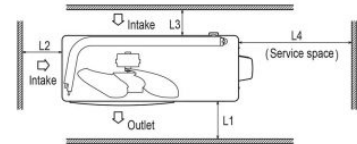


FDC90VNP-W, 100VNP-W FDC90VNP1



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 1m 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 lower right corner of the front panel.



Minimum installation space

Dimensions	Examples of installation		
	I	II	III
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250

Symbol	Content
A	Service valve connection (gas side) φ 15.88 (5/8") (Flare)
B	Service valve connection (liquid side) φ 6.35 (1/4") (Flare)
C	Pipe / cable draw-out hole
D	Drain discharge hole φ 20 x 3 places
E	Anchor bolt hole M10 x 4 places