



SRK100ZR-WF / FDC100VNP-W

9.6 (2.1~9.6)



Indoor Unit : SRK100ZR-WF

Outdoor Unit : FDC100VNP-W

Specifications

R32

Indoor unit			SRK100ZR-WF	
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		63
	Outdoor	Cooling/Heating		68 / 67
Sound pressure level	Indoor	Cooling (Hi/Me/L0/Ulo)	dB(A)	48 / 45 / 40 / 27
		Heating (Hi/Me/L0/Ulo)		48 / 43 / 38 / 30
	Outdoor	Cooling/Heating		56 / 54
Air flow	Indoor	Cooling (Hi/Me/L0/Ulo)	m3/min	24.5 / 21.3 / 17.6 / 10.4
		Heating (Hi/Me/L0/Ulo)		27.5 / 23.2 / 19.1 / 13.6
	Outdoor	Cooling/Heating		63 / 55
Exterior Dimensions	Indoor	Height x Width x Depth	mm	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		ø mm	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			

Coefficient of Performance

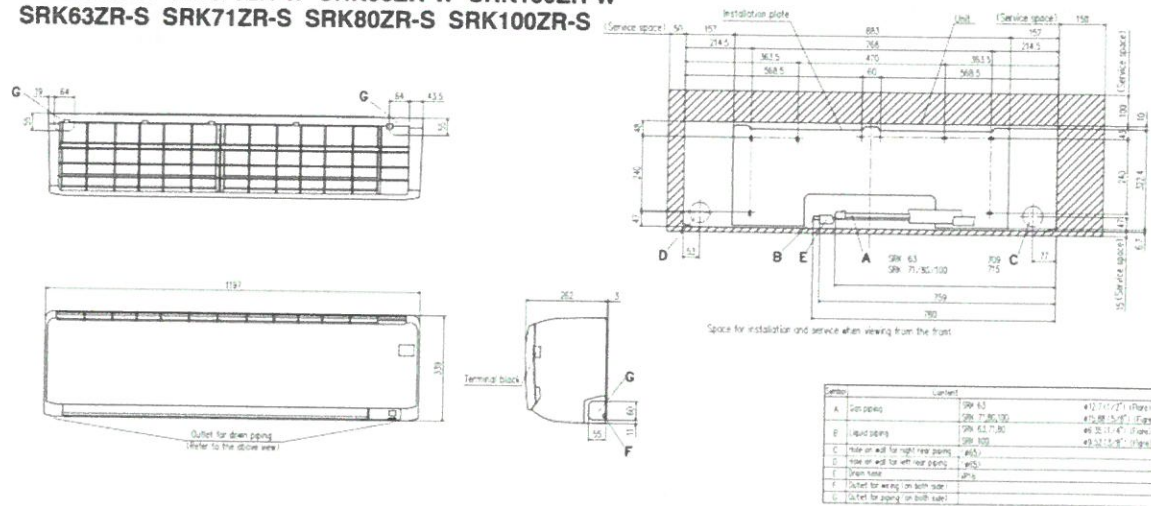
Seasonal Energy Efficiency Ratio.
Seasonal Coefficient of Performance.

Coefficient of Performance

Seasonal Energy Efficiency Ratio.
Seasonal Coefficient of Performance.

- * 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-SFDC90VNP-W, 100VNP-W
FDC90VNP1