



## SRK50ZS-WFB / SRC50ZS-W

**5.0(1.3~5.5)**

Indoor Unit : SRK50ZS-WFB

Outdoor Unit : SRC50ZS-W

### Specifications

R32

Indoor unit	SRK50ZS-WFB			
Outdoor unit	SRC50ZS-W			
Power source	1Phase, 220 - 240, 50Hz			
Nominal cooling capacity (Min~Max)	kW	5.0(1.3~5.5)		
Nominal heating capacity (Min~Max)	kW	5.8(1.3~6.6)		
Power consumption	Cooling/Heating	kW		
EER/COP	Cooling/Heating	1.35 / 1.56		
Max. running current		3.70 / 3.72		
	A	14.5		
Sound power level	Indoor	Cooling/Heating	dB(A)	59 / 60
	Outdoor	Cooling/Heating		61 / 63
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	46 / 36 / 29 / 22	
		Heating (Hi/Me/Lo/Ulo)	46 / 37 / 31 / 24	
	Outdoor	Cooling/Heating	51 / 52	
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	12.1 / 9.9 / 7.4 / 5.9
		Heating (Hi/Me/Lo/Ulo)		13.9 / 11.2 / 9.1 / 7.4
	Outdoor	Cooling/Heating	32.8 / 32.8	
Exterior Dimensions	Indoor	Height x Width x Depth	mm	290 x 870 x 230
	Outdoor			595 x 780(+62) x 290
Net weight	Indoor / Outdoor	kg	10.0 / 36.0	
Refrigerant	Type/GWP		R32 / 675	
Refrigerant	Charge	kg/TCO2Eq	1.05 / 0.709	
Refrigerant piping size	Liquid/Gas	ø inch	6.35(1/4") / 12.7(1/2")	
Refrigerant line (one way) length		m	Max. 25	
Vertical height differences	Outdoor is higher/lower	m	Max. 15 / Max. 15	
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			7.00	
SCOP (Average climate)			4.60	
Pdesign (cooling/heating(@-10°C))	kW	5.00/3.80		
Annual Electricity Consumption (cooling/heating)	kWh/a	250/1158		
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.

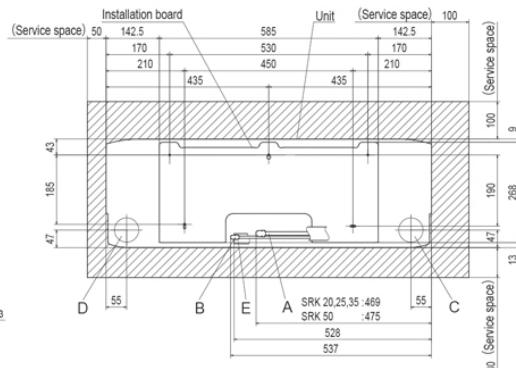
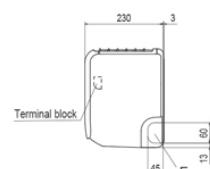
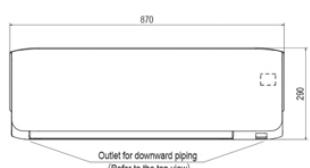
• Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

• 'tonne(s) of CO<sub>2</sub> 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

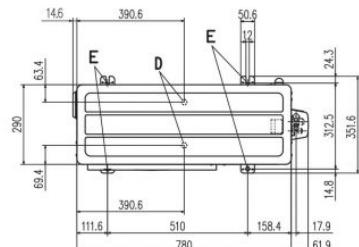
## Schematics

**SRK20ZS-WF, -WFB, -WFT, -W**  
**SRK25ZS-WF, -WFB, -WFT, -W**  
**SRK35ZS-WF, -WFB, -WFT, -W**  
**SRK50ZS-WF, -WFB, -WFT, -W**  
**SRK20ZS-S,-SB,-ST** **SRK25ZS-S,-SB,-ST**  
**SRK35ZS-S,-SB,-ST** **SRK50ZS-S,-SB,-ST**



Symbol	Content
A	Gas piping SRK20, 25, 35 φ 9.52 (3/8") (Flare)
B	Liquid piping φ 6.35 (1/4") (Flare)
C	Hole on wall for right rear piping (φ 65)
D	Hole on wall for left rear piping (φ 65)
E	Drain hose VP16
F	Outlet for piping (on both side)

**SRC50ZS-W,-S SRC25ZMX-S SRC35ZMX-S SRC45ZSP-W,-S**



Symbol	Content
A	Service valve connection (gas side) ZMX : φ 9.52 (3/8") (flare) Z5,ZMP : φ 12.7 (1/2") (flare)
B	Service valve connection (liquid side) φ 6.35 (1/4") (flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole φ 20x2 places
E	Anchor bolt hole M10x4 places

Dimensions	Minimum installation space				
	Examples of application	I	II	III	IV
L1	Open	280	280	180	
L2	100	75	Open		
L3	100	80	80	80	
L4	250	Open	250	Open	

