MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

SRK20ZT-WFB / SRC20ZT-W(B)

2.0(0.9~2.9)

Indoor Unit : SRK20ZT-WFB Outdoor Unit : SRC20ZT-W(B)

R32

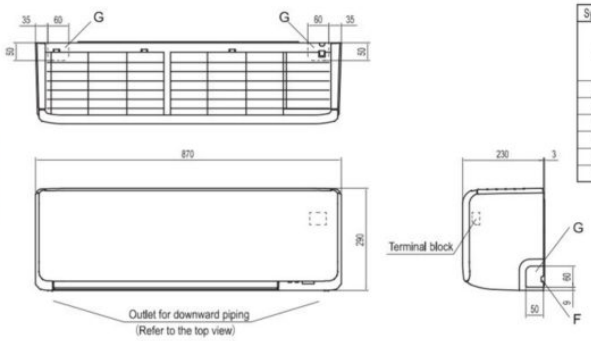
Specifications

Indoor unit				SRK20ZT-WFB
Outdoor unit				SRC20ZT-W(B)
Power source				1Phase, 220 - 240, 50Hz
Nominal cooling capacity (Min~Max)			kW	2.0(0.9~2.9)
Nominal heating capacity (Min~Max)			kW	2.7(0.9~4.5)
Power consumption		Cooling/Heating	kW	0.42 / 0.53
EER/COP		Cooling/Heating		4.76 / 5.09
Max. running current			A	9
Sound power level	Indoor	Cooling/Heating	dB(A)	47 / 49
	Outdoor	Cooling/Heating		55 / 56
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)		34 / 25 / 22 / 19
		Heating (Hi/Me/Lo/Ulo)		36 / 29 / 23 / 19
	Outdoor	Cooling/Heating		42 / 43
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	9.0 / 7.0 / 5.9 / 5.0
		Heating (Hi/Me/Lo/Ulo)		9.4 / 8.4 / 6.4 / 5.3
	Outdoor	Cooling/Heating		21.8 / 21.8
Exterior Dimensions	Indoor	Height x Width x Depth	mm	290 x 870 x 230
	Outdoor			540 × 780 (+62) × 290
Net weight	Indoor / Outdoor		kg	10.5 / 33.0
Refrigerant		Type/GWP		R32 / 675
Refrigerant		Charge	kg/TCO2Eq	0.76 / 0.513
Refrigerant piping size		Liquid/Gas	mm (ø inch)	6.35(1/4") / 9.52(3/8")
Refrigerant line (one way) length			m	Max. 20
Vertical height differences		Outdoor is higher/lower	m	Max. 15 / Max. 15
Outdoor operating temperature range		Cooling	°C	-15~50
		Heating		-20~24
Clean filter				Allergen Clear Filter x 1, Photocatalytic Washable Deodorizing Filter x 1
Energy Class (Cooling/Heating)				A+++/A+++
SEER				9.5
SCOP (Average climate)				5.1
Pdesign (cooling/heating(@-10°C))			kW	2.00/2.60
Annual Electricity Consumption (cooling/heating)			kWh/a	74/714
Designated Heating Season				Average

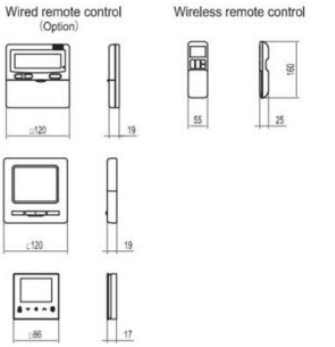
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level indicates the value in an anechoic chamber. During operation these values are somewhat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

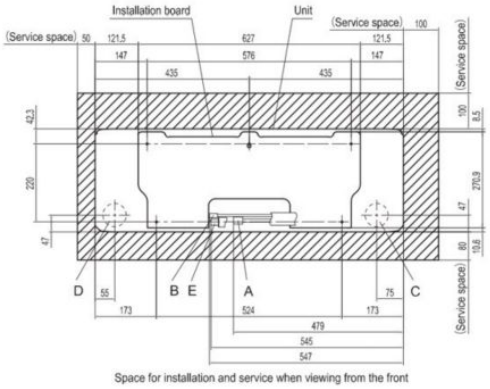
Schematics

SRK20ZT-WF, -WFB, -WFT
SRK25ZT-WF, -WFB, -WFT
SRK35ZT-WF, -WFB, -WFT
SRK50ZT-WF, -WFB, -WFT



Symbol	Content	
A	Gas piping	SRK 20,25,35 ϕ9.52 (3/8") (Flare)
		SRK 50 ϕ12.7 (1/2") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)
C	Hole on wall for right rear piping	(ϕ65)
D	Hole on wall for left rear piping	(ϕ65)
E	Drain hose	VP16
F	Outlet for wiring (on both side)	
G	Outlet for piping (on both side)	

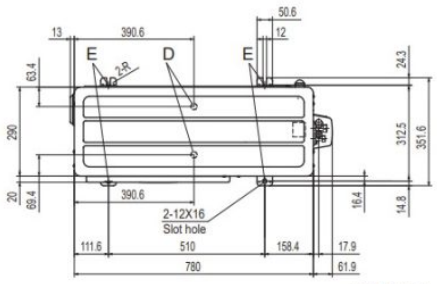


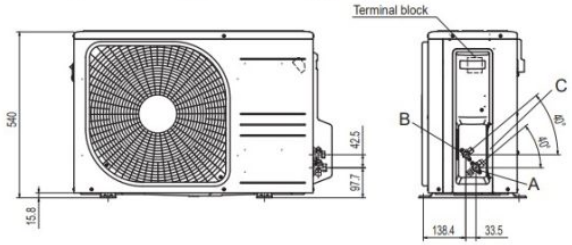


Notes (1) The model name label is attached on the right side of the indoor unit.
(2) To connect the wired remote control, the interface kit (SC-BIKN2-E or SC-BIKN2-BL) are required.
SC-BIKN2-E is externally mounted interface unit.
SC-BIKN2-BL is internally mounted interface unit.

Unit:mm

SRC20ZT-W ,-WB SRC25ZT-W, -WB SRC35ZT-W, -WB





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

	Installation space
L1	280 or more
L2	100 or more
L3	80 or more
L4	250 or more

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.