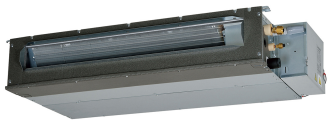
MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE



SRR50ZS-W/SRC50ZSX-W3

5.0 (1.2 ~ 6.0)

Indoor Unit : SRR50ZS-W

Outdoor Unit : SRC50ZSX-W3

R32

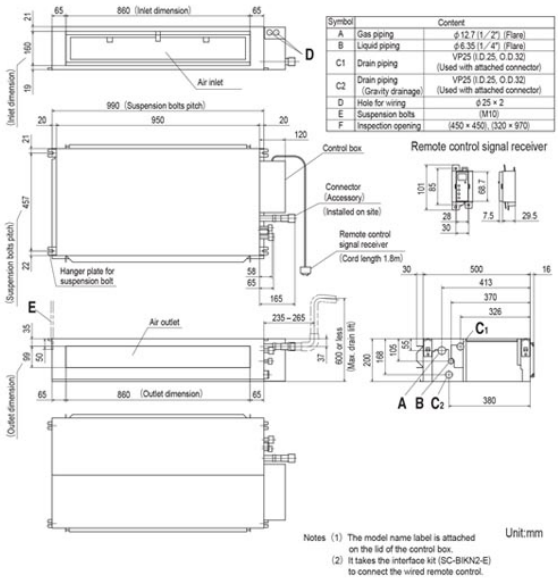
Specifications

Indoor unit				SRR50ZS-W
Outdoor unit				SRC50ZSX-W3
Power source				1Phase, 220 - 240, 50Hz
Nominal cooling capacity (Min~Max)			kW	5.0 (1.2 ~ 6.0)
Nominal heating capacity (Min~Max)			kW	5.4 (1.0 ~ 8.2)
Power consumption		Cooling/Heating	kW	1.42 / 1.39
EER/COP		Cooling/Heating		3.52 / 3.88
Max. running current			A	15
Sound power level	Indoor	Cooling/Heating	dB(A)	59 / 61
	Outdoor	Cooling/Heating		63 / 62
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)		41 / 37 / 34 / 29
		Heating (Hi/Me/Lo/Ulo)		43 / 39 / 37 / 32
	Outdoor	Cooling/Heating		51 / 49
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m3/min	13.5 / 11.0 / 10.0 / 7.5
		Heating (Hi/Me/Lo/Ulo)		14.0 / 12.5 / 11.0 / 8.5
	Outdoor	Cooling/Heating		39.0 / 33.0
Available external static pressure			Pa	Standard: 5*[1] (Initial static pressure with air filler: 5Pa)
Exterior Dimensions	Indoor	Height x Width x Depth	mm	200 x 950 x 500
	Outdoor			640 x 800(+71) x 290
Net weight	Indoor / Outdoor		kg	24 / 45
Refrigerant		Type/GWP		R32/675
Refrigerant		Charge	kg/TCO2Eq	1.30 / 0.878
Refrigerant piping size		Liquid/Gas	ø inch	6.35(1/4") / 12.7(1/2")
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
Bottom air inlet kit (option)				UT-BAT2EF
SEER				6.50
SCOP (Average climate)				4.40
Pdesign (cooling/heating(@-10°C))			kW	5.00/4.50
Annual Electricity Consumption (cooling/heating)			kWh/a	270/1431

• 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.
*1 The maximum external static pressure can be used up to 35Pa (25•35ZS) , 50Pa (50 •60ZS), but the airflow will be reduced.

Schematics

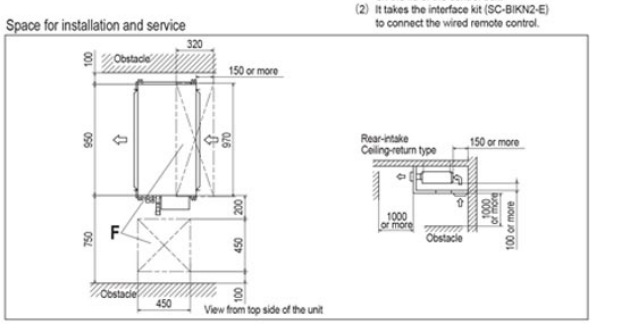
Models SRR50, 60ZS-W



Symbol	Content	
A	Gas piping	φ12.7 (1/2") (Flare)
B	Liquid piping	φ6.35 (1/4") (Flare)
C1	Drain piping	VP25 (I.D.25, O.D.32) (Used with attached connector)
C2	Drain piping (Gravity drainage)	VP25 (I.D.25, O.D.32) (Used with attached connector)
D	Hole for wiring	φ25 × 2
E	Suspension bolts	(M10)
F	Inspection opening	(450 × 450), (320 × 970)

Notes (1) The model name label is attached on the lid of the control box.
(2) It takes the interface kit (SC-BIKN2-E) to connect the wired remote control.

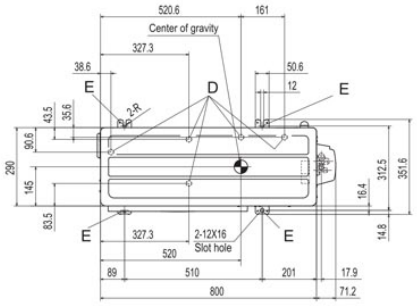
Unit:mm



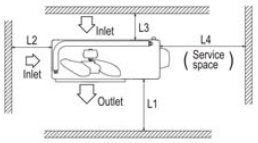
Notes (1) The model name label is attached on the lid of the control box.
(2) It takes the interface kit (SC-BIKN2-E) to connect the wired remote control.

Unit:mm

Symbol	Content	
A	Service valve connection (Gas side)	φ12.7 (1/2") (Flare)
B	Service valve connection (Liquid side)	φ6.35 (1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	φ20 × 5 places
E	Anchor bolt hole	M10-12 × 4 places

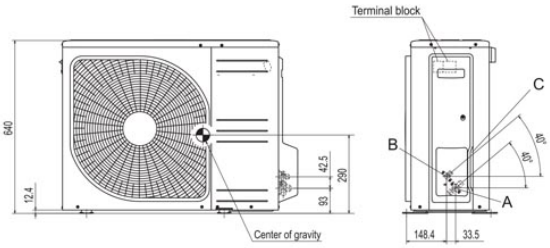


Notes
(1) The unit must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
(3) If the unit is installed in the location where there is a possibility of strong winds, place the unit such that the direction of air 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 front side of the unit.



Minimum installation space

Size \ Examples installation	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open



Unit:mm