

PRIMARY HEATING

Console



SRC 25-35 ZS-W2



SRC 50 ZSX-W2

SRF 25~35 ZS-W / SRF 50 ZSX-W



Indoor unit model		SRF 25 ZS-W		SRF 35 ZS-W		SRF 50 ZSX-W	
Outdoor unit model		SRC 25 ZS-W2		SRC 35 ZS-W2		SRC 50 ZSX-W2	
Type		DC-Inverter heat pump					
Control (included)		Remote control					
Nominal data							
Rated capacity (T=+35°C)	Cooling	kW	2.50 (0.90~3.10)	3.50 (0.90~4.10)	5.00 (1.10~5.60)		
Rated absorbed power (T=+35°C)		kW	0.59 (0.19~0.89)	0.82 (0.18~1.33)	1.32 (0.19~1.90)		
Rated energy efficiency coefficient		EER1	4.24	4.27	3.79		
Rated capacity (T=+7°C)	Heating	kW	2.90 (0.80~3.70)	4.50 (0.80~5.20)	6.00 (0.80~7.40)		
Rated absorbed power (T=+7°C)		kW	0.66 (0.20~1.14)	1.12 (0.19~1.53)	1.58 (0.19~2.34)		
Rated energy performance coefficient		COP1	4.39	4.02	3.80		
Seasonal data							
Theoretical load (Pdesignc)	Cooling	kW	2.50	3.50	5.00		
Seasonal energy efficiency index		SEER2	7.40	8.10	7.50		
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++		
Annual energy consumption		kWh/a	119	152	234		
Theoretical load (Pdesignh) @-10°C	Heating (average climate conditions)	kW	2.40	2.90	4.10		
Seasonal energy efficiency index		SCOP2	4.00	4.70	4.60		
Seasonal energy efficiency class		626/2011 ³	A+	A++	A++		
Annual energy consumption		kWh/a	840	864	1247		
Electrical data							
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz				
Power cable		Type	3 x 2.5 mm ²	3 x 2.5 mm ²	3 x 4 mm ²		
Connection wires between I.U. and O.U.		no.	4	4	4		
Absorbed current	Cooling	A	3.00	3.90	5.80		
	Heating	A	3.30	5.10	6.90		
Maximum current		A	9.00	9.00	15.00		
Maximum absorbed power		kW	1.65	1.65	2.90		
Refrigerant circuit							
Refrigerant ⁴		Type (GWP)	R32 (675)				
Quantity refrigerant pre-load		Kg	0.62	0.78	1.3		
Tons of CO2 equivalent		t	0.419	0.527	0.878		
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")		
Max splitting length		m	20	20	30		
Max height difference I.U./O.U.		m	10	10	20		
Split length without additional charge		m	10	15	15		
Additional load		g/m	20	20	20		
Indoor unit specifications							
Dimensions	LxDxH	mm	860x238x600	860x238x600	860x238x600		
Net weight		Kg	18	19	19		
Sound power level	Max	dB(A)	51	52	58		
Sound pressure level (Hi/Me/Lo/ULo)	Cooling	dB(A)	38/32/29/25	40/35/33/29	46/38/33/28		
	Heating	dB(A)	39/35/33/39	41/36/35/33	46/41/38/32		
Treated air volume (Hi/Me/Lo/ULo)	Cooling	m ³ /h	540/456/402/348	552/468/438/384	690/576/444/396		
	Heating	m ³ /h	630/492/462/396	642/498/486/444	720/600/564/456		
Outdoor unit specifications							
Dimensions	LxDxH	mm	780(+62)x290x540	780(+62)x290x540	800(+71)x290x640		
Net weight		Kg	31	34.5	45		
Sound power level	Max	dB(A)	60	64	63		
Sound pressure level	Max	dB(A)	47	51	51		
Treated air volume	Max	m ³ /h	1644	1890	2340		
Operating limits (outside temperature)	Cooling	°C	-15~46				
	Heating	°C	-15~24				
Optional parts							
Wi-Fi module ⁵			WF-RAC				
Interface for home automation connection and wired control ⁶			SC-BIKN2-E				

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 -- Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO₂ over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary. 5. Use of the Wi-Fi module excludes the possibility of connecting any other optional Accessories. 6. Available home automation protocols: KNX, Modbus, BACnet The use of the SC-BIKN2-E interface board inhibits some unit functions. Contact your contact person for further information.