

PRIMARY HEATING

CONSOLE



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



OPTIONAL



<REMOTE CONTROL INCLUDED>



SRC 25~35 ZS-W2



SRC 50 ZSX-W3



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-W3		
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 power input (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			EER ¹	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 power input (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			COP ¹	4.39		4.02		3.80	
Seasonal data									
Design load (Pdesignc)		Cooling	kW	2.50		3.50		5.00	
Seasonal energy efficiency index			SEER ²	7.40		8.10		7.50	
Seasonal energy efficiency class			626/2011 ³	A++		A++		A++	
Annual energy consumption		Heating (average climate conditions)	kWh/y	119		152		234	
Design load (Pdesignh) @ -10°C			kW	2.40		2.90		4.10	
Seasonal energy efficiency index			SCOP ²	4.00		4.70		4.60	
Seasonal energy efficiency class			626/2011 ³	A+		A++		A++	
Annual energy consumption			kWh/y	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	
Wiring cables I.U./O.U.			nb.	4		4		4	
Nominal absorbed current		Cooling	A	3.00		3.90		5.80	
		Heating	A	3.30		5.10		6.90	
Max current			A	9.00		9.00		15.00	
Max power input			kW	1.65		1.65		2.90	
Refrigerant circuit data									
Refrigerant ⁴			Type (GWP)	R32 (675)					
Refrigerant precharge			Kg	0.62		0.78		1.3	
Tons of CO2 equivalent			t	0.419		0.527		0.878	
Diameter of refrigerant pipings liquid/gas			mm (inch.)	6.35(1/4") - 9.52(3/8")		6.35(1/4") - 9.52(3/8")		6.35(1/4") - 12.74(1/2")	
Max splitting distance			m	20		20		30	
Max splitting level difference I.U./O.U.			m	10		10		20	
Max. splitting without additional charge			m	10		15		15	
Additional charge			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		39/35/33/39		41/36/35/33		46/41/38/32	
Air flow volume (Hi/Me/Lo/ULo)		Cooling	m³/h	540/456/402/348		552/468/438/384		690/576/444/396	
		Heating		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	
Air flow volume		Max	m³/h	1644		1890		2340	
Operating range (outdoor temperature)		Cooling	°C	-15~46					
		Heating	°C	-15~24					
Optional parts									
Wi-Fi module				WF-RAC					
Interface for home automation connection and wired controls				SC-BIKN2-E					

1. Value measured according to harmonised standard EN14511. 2. EU Regulation N.206/2012 - - Value measured according to harmonised standard EN14825. 3. Delegated Regulation UE N.626/2011 with regard to energy labelling indicating the energy consumption 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. Home automation protocols available: KNX, Modbus, BACnet. The use of the SC-BIKN2-E interface card inhibits some functions of the unit.