

# 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	
<b>Type</b>		DC-Inverter Heat pump					
Control (included)		Remote control					
<b>Nominal data</b>							
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)		
		kW	0,59 (0,19~0,89)	0,82 (0,18~1,33)	1,32 (0,19~1,90)		
		EER <sup>1</sup>	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)		
		kW	0,66 (0,20~1,14)	1,12 (0,19~1,53)	1,58 (0,19~2,34)		
		COP <sup>1</sup>	4,39	4,02	3,80		
<b>Seasonal data</b>							
Design load (Pdesignc)	Cooling	kW	2,50	3,50	5,00		
		SEER <sup>2</sup>	7,40	8,10	7,50		
		626/2011 <sup>3</sup>	A++	A++	A++		
Annual energy consumption	Heating (average climate conditions)	kWh/y	119	152	234		
		kW	2,40	2,90	4,10		
		SCOP <sup>2</sup>	4,00	4,70	4,60		
Seasonal energy efficiency (ηs)	Heating (average climate conditions)	%	157,00	185,00	181,00		
		626/2011 <sup>3</sup>	A+	A++	A++		
		kWh/y	840	864	1247		
<b>Electrical data</b>							
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz				
Power cable		Type	3 x 2,5 mm <sup>2</sup>	3 x 2,5 mm <sup>2</sup>	3 x 4 mm <sup>2</sup>		
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		
<b>Refrigerant circuit data</b>							
Refrigerant <sup>4</sup>		Type (GWP)	R32 (675)				
Refrigerant precharge		Kg	0,62	0,78	1,3		
Tons of CO <sub>2</sub> 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		
<b>Indoor unit specifications</b>							
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		
Air flow volume (Hi/Me/Lo/Ulo)	Cooling	m <sup>3</sup> /h	540/456/402/348	552/468/438/384	690/576/444/396		
	Heating	m <sup>3</sup> /h	630/492/462/396	642/498/486/444	720/600/564/456		
<b>Outdoor unit specifications</b>							
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	m <sup>3</sup> /h	1644	1890	2340		
Operating range (outdoor temperature)	Cooling	°C	-15~46				
	Heating	°C	-15~24				
<b>Optional parts</b>							
Wi-Fi module			WF-RAC				
Interface for home automation connection and wired control <sup>5</sup>			SC-BIKN2-E				

1. Value measured according to harmonised standard EN14511. 2. EU Regulation N.206/2012- N.2281/2016 -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 CO<sub>2</sub> 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. Contact your contact person for further details.