

# MONOSPLIT SUPER

## Wall



SRK 100 ZR-WF

- **339 mm**  
Height
- **50 m**  
Split length
- **27 dB(A)**  
Sound power level, maximum quiet
- Antibacterial treatment on fan
- The powerful air flow is realized with Jet technology
- Ideal for large living rooms and shops
- Equipped with dust and photocatalytic filters

Indoor unit model		SRK 100 ZR-WF		SRK 100 ZR-WF	
Outdoor unit model		FDC 100 VNA-W		FDC 100 VSA-W	
<b>Type</b>		DC-Inverter heat pump			
Control (included)		Remote control			
<b>Nominal data</b>					
Rated capacity (T=+35°C)	Cooling	kW	10.00 (4.00~11.20)		
Rated absorbed power (T=+35°C)		kW	3.19		
Rated energy efficiency coefficient		EER1	3.13		
Rated capacity (T=+7°C)	Heating	kW	11.20 (4.00~12.50)		
Rated absorbed power (T=+7°C)		kW	3.04		
Rated energy performance coefficient		COP1	3.68		
<b>Seasonal data</b>					
Theoretical load (Pdesignc)	Cooling	kW	10.00		
Seasonal energy efficiency index		SEER2	6.13		
Seasonal energy efficiency class		626/20113	A++		
Annual energy consumption		kWh/a	571		
Theoretical load (Pdesignh) @-10°C	Heating (average climate conditions)	kW	8.50		
Seasonal energy efficiency index		SCOP2	4.33		
Seasonal energy efficiency class		626/20113	A+		
Annual energy consumption		kWh/a	2746		
<b>Electrical data</b>					
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		3-380~415V-50Hz
Power cable		Type	3 x 6 mm <sup>2</sup>		5 x 4 mm <sup>2</sup>
Connection wires between I.U. and O.U.		no.	4		4
Absorbed current	Cooling	A	14.30		4.80
	Heating	A	13.60		4.60
Maximum current		A	24.00		15.00
Maximum absorbed power		kW	6.40		10.20
<b>Refrigerant circuit</b>					
Refrigerant <sup>4</sup>	Type (GWP)	R32 (675)			
Quantity refrigerant pre-load	kg	3.3			
Tons of CO <sub>2</sub> equivalent	t	2.228			
Diameter of refrigerant piping on liquid/gas	mm (inches)	ø9.52 (3/8") - ø15.88(5/8")			
Max splitting length	m	50			
Max height difference I.U./O.U.	O.U. above/O.U. under	m	50/15		
Split length without additional charge	m	30			
Additional load	g/m	54			
<b>Indoor unit specifications</b>					
Dimensions	LxDxH	mm	1197x262x339		
Net weight	kg	16.5			
Sound power level	Max	dB(A)	63		
Sound pressure level (Hi/Mi/Lo/ULo)	Cooling	dB(A)	48/45/40/27		
	Heating	dB(A)	48/43/38/30		
Treated air volume (Hi/Mi/Lo/ULo)	Cooling	m <sup>3</sup> /h	1470/1278/1056/624		
	Heating	m <sup>3</sup> /h	1650/1392/1146/816		
<b>Outdoor unit specifications</b>					
Dimensions	LxDxH	mm	970x370x845		
Net weight	kg	77		78	
Sound power level	Max	dB(A)	70		
Sound pressure level	Max	dB(A)	55		
Treated air volume	Max	m <sup>3</sup> /h	4500		
Operating limits (outside temperature)	Cooling	°C	-15~+50		
	Heating	°C	-20~+20		
<b>Optional parts</b>					
Wi-Fi module					Included
Interface for home automation connection and wired control <sup>5</sup>					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 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 and optional protocols with dedicated interfaces: KNX, Modbus, BACnet.