

MONOSPLIT SUPER

WALL



SRK 100 ZR-WF

- **339 mm**
Height
- **50 m**
Splitting distance
- **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 filter

Indoor unit model		SRK 100 ZR-WF		SRK 100 ZR-WF	
Outdoor unit model		FDC 100 VNA-W		FDC 100 VSA-W	
Type		DC-Inverter heat pump			
Control (included)		Remote control			
Nominal data					
Rated capacity (T=+35°C)	Cooling	kW	10.00 (4.00~11.20)		
Rated power input (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 power input (T=+7°C)		kW	3.04		
Rated energy performance coefficient		COP1	3.68		
Seasonal data					
Design load (Pdesignc)	Cooling	kW	10.00		
Seasonal energy efficiency index		SEER2	6.13		
Seasonal energy efficiency class		626/20113	A++		
Annual energy consumption		kWh/y	571		
Design 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/y	2746		
Electrical data					
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		3-380~415V-50Hz
Power cable		Type	3 x 6 mm ²		5 x 4 mm ²
Connection wires between I.U. and O.U.		nb.	4		4
Nominal absorbed current	Cooling	A	14.30		4.80
	Heating	A	13.60		4.60
Maximum current		A	24.00		15.00
Max power input		kW	6.40		10.20
Refrigerant circuit data					
Refrigerant ⁴	Type (GWP)	R32 (675)			
Quantity of refrigerant pre-charge	kg	3.3			
Tons of CO ₂ equivalent	t	2.228			
Diameter of refrigerant pipings liquid/gas	mm (inches)	ø9.52 (3/8") - ø15.88(5/8")			
Max splitting distance	m	50			
Splitting level difference I.U./O.U.	O.U. above/O.U. below	m	50/15		
Splitting distance without additional charge		m	30		
Additional charge		g/m	54		
Indoor unit specifications					
Dimensions	LxDxH	mm	1197x262x339		
Net weight		kg	16.5		
Sound power level	Max	dB(A)	63		
Sound pressure level (Hi/Mi/Lo/U/Lo)	Cooling	dB(A)	48/45/40/27		
	Heating	dB(A)	48/43/38/30		
Volume of air treated (Hi/Mi/Lo/U/Lo)	Cooling	m ³ /h	1470/1278/1056/624		
	Heating	m ³ /h	1650/1392/1146/816		
Outdoor unit specifications					
Dimensions	LxDxH	mm	970x370x845		
Net weight		kg	77		78
Sound power level	Max	dB(A)	70		
Sound pressure level	Max	dB(A)	55		
Volume of air treated	Max	m ³ /h	4500		
Operating range (outdoor temperature)	Cooling	°C	-15~+50		
	Heating	°C	-20~+20		
Optional parts					
Wi-Fi module			Included		
Interface for home automation connection and wired control ⁵			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. Home automation and optional protocols with dedicated interfaces: KNX, Modbus, BACnet.