

MONOSPLIT HYPER

WALL R32



INCLUDED

SRK 71-100 ZR-WF

- **339 mm**
Height
- **100 m**
Splitting distance
- **28 dB(A)**
Sound power level (7.10 kW),
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 71 ZR-WF		SRK 100 ZR-WF	
Outdoor unit model			FDC 71 VNX-W		FDC 100 VSX-W	
Type			DC-Inverter heat pump			
Control (included)			Remote control			
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)		10.00 (3.50~11.20)	
Rated power input (T=+35°C)		kW	1.93		2.74	
Rated energy efficiency coefficient		EER1	3.68		3.65	
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)		11.20 (2.70~16.00)	
Rated power input (T=+7°C)		kW	1.78		3.04	
Rated energy performance coefficient		COP1	4.49		3.69	
Seasonal data						
Design load (Pdesignc)	Cooling	kW	7.10		10.00	
Seasonal energy efficiency index		SEER2	6.80		6.54	
Seasonal energy efficiency class		626/20113	A++		A++	
Annual energy consumption	Heating (average climate conditions)	kWh/y	366		535	
Design load (Pdesignh) @ -10°C		kW	5.80		10.50	
Seasonal energy efficiency index		SCOP2	4.56		4.01	
Seasonal energy efficiency class		626/20113	A+		A	
Annual energy consumption		kWh/y	1782		3671	
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		3-380~415V-50Hz	
Power cable		Type	3 x 4 mm ²		5 x 4 mm ²	
Connection wires between I.U. and O.U.		nb.	4		4	
Nominal absorbed current	Cooling	A	8.60		4.70	
	Heating	A	7.90		5.10	
Maximum current		A	19.10		14.00	
Max power input		kW	4.11		8.90	
Refrigerant circuit data						
Refrigerant ⁴		Type (GWP)	R32 (675)			
Quantity of refrigerant pre-charge		Kg	2.75		4	
Tons of CO2 equivalent		t	1.856		2.700	
Diameter of refrigerant pipings liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")	
Splitting distance	Min/Max	m	3/50		3/100	
Max splitting level difference I.U./O.U.	O.U. above/O.U. below	m	30/15		50/15	
Splitting distance without additional charge		m	30		30	
Additional charge		g/m	54		54	
Indoor unit specifications						
Dimensions	LxDxH	mm	1197x262x339		1197x262x339	
Net weight		Kg	15.5		16.5	
Sound power level	Max	dB(A)	60		63	
Sound pressure level (Hi/Mi/Lo/U/Lo)	Cooling	dB(A)	44/41/37/25		48/45/40/27	
	Heating		46/39/35/28		48/43/38/30	
Volume of air treated (Hi/Mi/Lo/U/Lo)	Cooling	m ³ /h	1230/1116/972/624		1470/1278/1056/624	
	Heating		1500/1188/1038/798		1650/1392/1146/816	
Outdoor unit specifications						
Dimensions	LxDxH	mm	880(+88)x340x750		970x370x1300	
Net weight		Kg	60		99	
Sound power level	Max	dB(A)	66		67	
Sound pressure level	Max	dB(A)	51		53	
Volume of air treated	Max	m ³ /h	3600		6000	
Operating range (outdoor temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Optional parts						
Wi-Fi module			INCLUDED			
Interface for home automation and wired control connection ⁵			SC-BIKN2-F			

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.