MONOSPLIT SUPER

WALL R32

SRK 100 ZR-WF

INCLUDED

- **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		EER[1]	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		COP[1]	3.68	
Seasonal data				
Design load (Pdesignc)	Cooling	kW	10.00	
Seasonal energy efficiency index		SEER[2]	6.13	
Seasonal energy efficiency class		626/2011[3]	A++	
Annual energy consumption		kWh/y	571	
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	8.50	
Seasonal performance coefficient		SCOP[2]	4.33	
Seasonal energy efficiency (ηs)		%	170.20	
Seasonal energy efficiency class		626/2011[3]	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 CO2 equivalent		t	2.228	
Diameter of refrigerant pipings liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")	
Splitting distance		m	50	
Max 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/ULo)	Cooling	dB(A)	48/45/40/27	
	Heating		48/43/38/30	
Volume of air treated (Hi/Mi/Lo/ULo)	Cooling	m^3/h	1470/1278/1056/624	
	Heating		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 and wired control connection[5]			SC-BIKN2-E	

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 - N.2281/2016 - 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.

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