MONOSPLIT HYPER

Wall

SRK 71-100 ZR-WF

INCLUDED

- **339 mm**
  Height
- **100 m**
  Split length
- **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 absorbed power (T=+35°C)		kW	1.93	2.74
Rated energy efficiency coefficient		EER[1]	3.68	3.65
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)
Rated absorbed power (T=+7°C)		kW	1.78	3.04
Rated energy performance coefficient		COP[1]	4.49	3.69
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	7.10	10.00
Seasonal energy efficiency index		SEER[2]	6.80	6.54
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/a	366	535
Theoretical load (Pdesignh) @-10°C	Heating (average climate conditions)	kW	5.80	10.50
Seasonal energy efficiency index		SCOP[2]	4.56	4.01
Seasonal energy efficiency class		626/2011[3]	A+	A
Annual energy consumption		kWh/a	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.		no.	4	4
Absorbed current	Cooling	A	8.60	4.70
	Heating	A	7.90	5.10
Maximum current		A	19.10	14.00
Maximum absorbed power		kW	4.11	8.90
Refrigerant circuit				
Refrigerant[4]		Type (GWP)	R32 (675)	
Quantity refrigerant pre-load		Kg	2.75	4
Tons of CO2 equivalent		t	1.856	2.700
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")	ø9.52 (3/8") - ø15.88(5/8")
Max splitting length	Min/Max	m	3/50	3/100
Max height difference I.U./O.U.	O.U. above/O.U. under	m	30/15	50/15
Split length without additional charge		m	30	30
Additional load		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/ULo)	Cooling	dB(A)	44/41/37/25	48/45/40/27
	Heating		46/39/35/28	48/43/38/30
Treated air volume (Hi/Mi/Lo/ULo)	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
Treated air volume	Max	m^3/h	3600	6000
Operating limits (outside 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.