

MONOSPLIT SMART

Wall



SRK 71-100 ZR-WF

- **339 mm**
Height
- **30 m**
Split length
- **25 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 VNP-W		FDC 100 VNP-W	
Type		DC-Inverter heat pump			
Control (included)		Remote control			
Nominal data					
Rated capacity (T=+35°C)	Cooling	kW	7.10 (1.50~7.30)	9.60 (2.10~9.60)	
Rated absorbed power (T=+35°C)		kW	2.36	3.10	
Rated energy efficiency coefficient		EER1	3.01	3.10	
Rated capacity (T=+7°C)	Heating	kW	7.10 (1.10~7.30)	10.00 (1.70~10.40)	
Rated absorbed power (T=+7°C)		kW	1.88	2.80	
Rated energy performance coefficient		COP1	3.78	3.57	
Seasonal data					
Theoretical load (Pdesignc)	Cooling	kW	7.10	9.60	
Seasonal energy efficiency index		SEER2	6.75	6.11	
Seasonal energy efficiency class		626/20113	A++	A++	
Annual energy consumption		kWh/a	369	551	
Theoretical load (Pdesignh) @-10°C	Heating (average climate conditions)	kW	5.70	6.00	
Seasonal energy efficiency index		SCOP2	4.55	4.14	
Seasonal energy efficiency class		626/20113	A+	A+	
Annual energy consumption		kWh/a	1756	2028	
Electrical data					
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		
Power cable		Type	3 x 4 mm ²	3 x 4 mm ²	
Connection wires between I.U. and O.U.		no.	4	4	
Absorbed current	Cooling	A	10.50	13.20	
	Heating	A	8.40	11.90	
Maximum current		A	15.80	19.00	
Maximum absorbed power		kW	3.58	4.46	
Refrigerant circuit					
Refrigerant ⁴	Type (GWP)	R32 (675)			
Quantity refrigerant pre-load	Kg	1.3	1.7		
Tons of CO2 equivalent	t	0.878	1.148		
Diameter of refrigerant piping on liquid/gas	mm (inches)	ø6.35(1/4") - ø12.7(1/2")	ø6.35 (1/4") - ø15.88 (5/8")		
Max splitting length	m	30	30		
Max height difference I.U./O.U.	m	20	20		
Split length without additional charge	m	15	15		
Additional load	g/m	20	20		
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	800(+71)x290x640	880(+88)x340x750	
Net weight		Kg	45	57	
Sound power level	Max	dB(A)	67	68	
Sound pressure level	Max	dB(A)	54	56	
Treated air volume	Max	m ³ /h	2520	3780	
Operating limits (outside temperature)	Cooling	°C	-15~+46		
	Heating	°C	-15~+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.