

# MONOSPLIT SMART

## WALL R32



- **339 mm**  
Height
- **30 m**  
Splitting distance
- **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

SRK 71-100 ZR-WF

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			
<b>Nominal data</b>					
Rated capacity (T=+35°C)	Cooling	kW	7.10 (1.50~7.30)	9.60 (2.10~9.60)	
Rated power input (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 power input (T=+7°C)		kW	1.88	2.80	
Rated energy performance coefficient		COP1	3.78	3.57	
<b>Seasonal data</b>					
Design 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/y	369	551	
Design 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/y	1756	2028	
<b>Electrical data</b>					
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		
Power cable		Type	3 x 4 mm <sup>2</sup>	3 x 4 mm <sup>2</sup>	
Connection wires between I.U. and O.U.		nb.	4	4	
Nominal absorbed current	Cooling	A	10.50	13.20	
	Heating	A	8.40	11.90	
Maximum current		A	15.80	19.00	
Max power input		kW	3.58	4.46	
<b>Refrigerant circuit data</b>					
Refrigerant <sup>4</sup>	Type (GWP)	R32 (675)			
Quantity of refrigerant pre-charge	Kg	1.3	1.7		
Tons of CO2 equivalent	t	0.878	1.148		
Diameter of refrigerant pipings liquid/gas	mm (inches)	ø6.35(1/4") - ø12.7(1/2")		ø6.35 (1/4") - ø15.88 (5/8")	
Splitting distance	m	30		30	
Max splitting level difference I.U./O.U.	m	20		20	
Splitting distance without additional charge	m	15		15	
Additional charge	g/m	20		20	
<b>Indoor unit specifications</b>					
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	
Volume of air treated (Hi/Mi/Lo/ULo)	Cooling	m <sup>3</sup> /h	1230/1116/972/624	1470/1278/1056/624	
	Heating		1500/1188/1038/798	1650/1392/1146/816	
<b>Outdoor unit specifications</b>					
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	
Volume of air treated	Max	m <sup>3</sup> /h	2520	3780	
Operating range (outdoor temperature)	Cooling	°C	-15~+46		
	Heating	°C	-15~+20		
<b>Optional parts</b>					
Wi-Fi module					INCLUDED
Interface for home automation and wired control connection <sup>5</sup>					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 CO<sub>2</sub> 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.