MONOSPLIT SMART

Wall

WiFi optional

- **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
- Anti-allergenic and photocatalytic filters

SRK 71-100 ZR-W

Indoor unit model			SRK 71 ZR-W	SRK 100 ZR-W
Outdoor unit model			FDC 71 VNP-W	FDC 100 VNP-W
Type			FULL DC-Inverter heat pump	
Control (included)			Remote control	
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		EER[3]	3.01	3.10
Seasonal energy efficiency class		626/2011[1]	A++	A++
Seasonal energy efficiency index		SEER[2]	6.75	6.11
Annual energy consumption		kWh/a	369	551
Theoretical load (Pdesignc)		kW	7.10	9.60
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		COP[3]	3.78	3.57
Energy efficiency class (average season)		626/2011[1]	A+	A+
Energy efficiency index (average season)		SCOP[2]	4.55	4.14
Annual energy consumption		kWh/a	1756	2028
Theoretical load (Pdesignh) @-10°C		kW	5.70	6.00
Operating limits (outdoor temperature)	Cooling	°C	-15~+46	
	Heating	°C	-15~+20	
Electrical data				
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	
Power cable		Type	3 x 4 mm²	3 x 4 mm²
Connection wires between I.U. and O.U.		no.	4	4
Rated 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 (GWP)[4]			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.	O.U. over / O.U. under	m	20	20
Splitting length without additional load		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 pressure level (I.U.)	SHi/Hi/Mi/Lo	dB(A)	44/41/37/25	48/45/40/27
Sound power level (I.U.)	Hi	dB(A)	60	63
Handled air volume	SHi/Hi/Mi/Lo	m³/h	1230/1116/972/624	1470/1278/1056/624
Motor power (Output)		W	56	56
Internal diameter of condensate drain		mm	16	16
Specifications of outdoor units				
Dimensions	LxDxH	mm	800(+71)x290x640	880(+88)x340x750
Net weight		Kg	45	57
Sound pressure level (O.U.)		dB(A)	54	56
Sound power level (O.U.)		dB(A)	67	68
Handled air (Max)		m³/h	2520	3780
Motor power (Output)		W	34	86
Optional parts				
Wi-Fi module[5]			AM-MHI-01	
Wired remote control		Accessories to be paired with the SC-BIKN2-E interface module	RC-E5 / RC-EX3A	
Basic wire remote control			RCH-E3	
SUPERLINK II interface for centraliser control			SC-ADN-AE	

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 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 Use of the Wi-Fi module excludes the possibility of connecting any other optional accessories.