

FLOOR/CEILING

HSFU 531 ZAL - HSFI 711-1081-1401-1601 ZA1

Excellent
installation
flexibilityRemote control
included as
standardoptional
Wi-Fi

SEER

SCOP

5.28 kW	6.20/A++	4.00/A+
7.03 kW	6.10/A++	4.00/A+
10.55 kW	6.40/A++	4.10/A+
14.07 kW	6.10/A++	4.00/A+
15.83 kW	6.10/A++	4.00/A+

-15~50° C in cooling
-15~24° C in heating

Indoor unit model			HSFU 531 ZAL	HSFI 711 ZA1	HSFI 1081 ZA1	HSFI 1401 ZA1	HSFI 1601 ZA1
Outdoor unit model			HCKI 531 ZA	HCKI 711 ZA	HCSI 1081 ZA	HCSI 1401 ZA	HCSI 1601 ZA
Type			DC-Inverter heat pump				
Control (included)			Remote control				
Rated capacity (T=+35°C)	Cooling	kW	5.28 (2.71~5.86)	7.03 (3.22~7.77)	10.55 (2.73~11.78)	14.07 (3.52~15.24)	15.83 (4.10~16.71)
Rated absorbed power (T=+35°C)		kW	1.45 (0.67~2.03)	2.30 (0.75~2.93)	4.00 (0.89~4.30)	5.00 (0.90~5.95)	5.65 (1.10~6.65)
Rated energy efficiency coefficient		EER ³	3.64	3.06	2.64	2.81	2.80
Seasonal energy efficiency class		626/2011 ¹	A++	A++	A++	A++	A++
Seasonal energy efficiency index		SEER ²	6.20	6.10	6.40	6.10	6.10
Annual energy consumption		kWh/a	305	413	574	803	916
Theoretical load (Pdesignc)	Heating	kW	5.40	7.20	10.50	14.00	15.50
Rated capacity (T=+7°C)		kW	5.57 (2.42~6.30)	7.62 (2.72~8.29)	11.72 (2.81~12.78)	16.12 (4.10~17.00)	18.17 (4.40~19.64)
Rated absorbed power (T=+7°C)		kW	1.50 (0.54~1.64)	2.05 (0.65~2.85)	3.35 (0.78~3.95)	5.10 (1.00~6.05)	6.05 (1.05~7.10)
Rated energy performance coefficient		COP ³	3.71	3.72	3.50	3.16	3.00
Energy efficiency class (average season)		626/2011 ¹	A+	A+	A+	A+	A+
Seasonal energy efficiency class index (average season)		SCOP ²	4.00	4.00	4.10	4.00	4.00
Annual energy consumption		kWh/a	1400	1890	3150	4025	4165
Theoretical load (Pdesignh) @-10° C		kW	4.00	5.50	8.60	11.20	11.90
Operating limits (outside temperature)	Cooling	°C	-15~50				
	Heating	°C	-15~24				
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	3 x 4 mm ²	5 x 2.5 mm ²	5 x 4 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4	4	4
Rated absorbed current (min~max)	Cooling	A	6.00 (3.20~9.00)	10.50 (3.90~13.10)	6.30 (1.40~6.80)	8.80 (1.90~10.30)	9.70 (3.20~11.50)
	Heating	A	6.60 (2.70~7.30)	9.50 (3.50~12.70)	5.40 (1.30~6.20)	8.90 (2.10~10.50)	10.50 (2.20~12.00)
Maximum current		A	13.50	19.00	10.00	13.00	14.00
Maximum absorbed power		kW	2.95	3.70	5.00	6.90	7.50
Refrigerant circuit							
Refrigerant (GWP) ⁴			R32 (675)				
Quantity refrigerant pre-load		Kg	1.15	1.5	2.4	2.9	3
Tons of CO2 equivalent		t	0.776	1.013	1.620	1.958	2.025
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.74(1/2")				
Max. splitting length		m	30	50	75	75	75
Max height difference I.U./O.U.		m	20	25	30	30	30
Splitting length without additional load		m	5	5	5	5	5
Additional load		g/m	12	24	24	24	24
Specifications of outdoor units							
Dimensions	LxDxH	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235
Net weight		Kg	28	28	41.5	41.7	42.3
Sound pressure level (I.U.)	Hi/Mi/Lo/U/Lo	dB(A)	43.5/41/36.5/24	49/46/43/32	51/47.5/44.5/39	53/50/45/36	54/50.5/46.5/38
Sound power level (I.U.)	Hi	dB(A)	57	55	64	67	67
Treated air volume	Hi/Mi/Lo	m³/h	880/760/650	1208/1066/853	2160/1844/1431	2329/1930/1417	2454/1834/1426
Motor power (Output)		n° x W	1 x 96	1 x 100	2 x 96	2 x 96	2 x 90
Outside diameter of condensate drain		mm	ø25	ø25	ø25	ø25	ø25
Specifications of outdoor units							
Dimensions	LxDxH	mm	805x330x554	890x342x673	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	32.5	43.9	66.9	103.7	107
Sound pressure level / Sound power level (O.U.)		dB(A)	56 / 65	60 / 67	63 / 70	63.5 / 73	64 / 74
Treated air (Max)		m³/h	2100	3500	4000	7500	7500
Motor power (Output)		n° x W	1 x 34	1 x 80	1 x 120	2 x 85	2 x 85
Optional parts							
Wired remote control and manual centralized control			DHW-WT-ZA				
Wi-Fi centralized control			XRV Mobile BMS				

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.