



FLOOR/CEILING

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



Remote control included as standard

	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	HFSI 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) Rated absorbed power (T=+35°C) Rated energy efficiency coefficient Seasonal energy efficiency class Seasonal energy efficiency index Annual energy consumption	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)	
		kWh/a	305	413	574	803	916	
		EER ³	3.64	3.06	2.64	2.81	2.80	
		626/2011 ¹	A++	A++	A++	A++	A++	
		SEER ²	6.20	6.10	6.40	6.10	6.10	
		Theoretical load (Pdesignc)	kW	5.40	7.20	10.50	14.00	15.50
		Rated capacity (T=+7°C) Rated absorbed power (T=+7°C) Rated energy performance coefficient Energy efficiency class (average season) Seasonal energy efficiency class index (average season) Annual energy consumption Theoretical load (Pdesignh) @-10°C	Heating	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)
kWh/a	1400			1890	3150	4025	4165	
COP ³	3.71			3.72	3.50	3.16	3.00	
626/2011 ¹	A+			A+	A+	A+	A+	
SCOP ²	4.00			4.00	4.10	4.00	4.00	
Theoretical load (Pdesignh) @-10°C	kW			4.00	5.50	8.60	11.20	11.90
Operating limits (outside temperature)	Cooling			°C				
	Heating	°C						
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		
Connection wires between I.U. and O.U.		no.	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")		ø9.52(3/8") - ø15.88(5/8")				
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	m ³ /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)		m ³ /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.