SLIM CASSETTE 84x84

HTBI 711-1081-1401-1601 ZA

Remote control included as standard

	SEER	SCOP
7.03 kW	6.20/A++	4.00/A+
10.55 kW	6.40/A++	4.00/A+
14.07 kW	6.10/A++	4.00/A+
15.24 kW	6.30/A++	4.00/A+

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

8-ways TBP 711 ZA panel

Pre-set for external air inlet

Condensate drain pump included with possibility of raising the discharge up to 750 mm from the lower height

Wi-Fi optional

Indoor unit model			HTBI 711 ZA	HTBI 1081 ZA	HTBI 1401 ZA	HTBI 1601 ZA
Outdoor unit model			HCKI 711 ZA	HCSI 1081 ZA	HCSI 1401 ZA	HCSI 1601 ZA
Type			FULL DC-Inverter heat pump			
Control (included)			Remote control			
Rated capacity (T=+35°C)	Cooling	kW	7.03 (3.30~7.91)	10.55 (2.70~11.43)	14.07 (3.52~15.83)	15.24 (4.10~16.71)
Rated absorbed power (T=+35°C)		kW	2.32 (0.78~2.75)	4.00 (0.89~4.15)	4.65 (0.80~5.90)	5.00 (0.98~6.20)
Rated energy efficiency coefficient		EER[3]	3.03	2.64	3.03	3.05
Seasonal energy efficiency class		626/2011[1]	A++	A++	A++	A++
Seasonal energy efficiency index		SEER[2]	6.20	6.40	6.10	6.30
Annual energy consumption		kWh/a	395	574	803	850
Theoretical load (Pdesignc)		kW	7.00	10.50	14.00	15.30
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.81~8.94)	11.14 (2.78~12.30)	16.12 (4.10~17.29)	18.17 (4.40~19.93)
Rated absorbed power (T=+7°C)		kW	1.90 (0.61~2.70)	3.00 (0.78~4.00)	4.58 (0.90~5.50)	5.55 (1.02~6.70)
Rated energy performance coefficient		COP[3]	4.01	3.71	3.52	3.27
Energy efficiency class (average season)		626/2011[1]	A+	A+	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.00	4.00	4.00	4.00
Annual energy consumption		kWh/a	2100	2870	3850	4165
Theoretical load (Pdesignh) @-10° C		kW	6.00	8.20	11.00	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 mm²	5 x 2.5 mm²	5 x 4 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		no.	4	4	4	4
Rated absorbed current (min~max)	Cooling	A	10.20 (4.20~12.00)	6.50 (1.40~6.50)	8.10 (1.80~10.20)	8.60 (2.10~10.70)
	Heating	A	8.50 (3.60~12.10)	5.00 (1.30~6.40)	8.00 (1.90~9.50)	9.60 (2.10~10.70)
Maximum current		A	19.00	10.00	13.00	14.00
Maximum absorbed power		kW	3.70	5.00	6.90	7.50
Refrigerant circuit						
Refrigerant (GWP)[4]			R32 (675)			
Quantity refrigerant pre-load		Kg	1.5	2.4	2.9	3
Tons of CO2 equivalent		t	1.013	1.620	1.958	2.025
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52(3/8") - ø15.88(5/8")			
Max splitting length		m	50	75	75	75
Max height difference I.U./O.U.		m	25	30	30	30
Splitting length without additional load		m	5	5	5	5
Additional load		g/m	24	24	24	24
Indoor unit specifications						
Dimensions	LxDxH	mm	830x830x205	830x830x245	830x830x287	830x830x287
Net weight		Kg	21.6	27.2	29.3	29.3
Sound pressure level (I.U.)	Hi/Mi/Lo/ULo	dB(A)	45.5/42.5/39.5/27	50/47.5/44.5/39	51/48.5/46.5/37.5	53/50.5/48/40
Sound power level (I.U.)	Hi	dB(A)	57	63	65	65
Treated air volume	Hi/Mi/Lo	m³/h	1300/1140/1000	1700/1550/1380	1970/1780/1580	2000/1850/1650
Motor power (Output)		W	45	125	125	125
Outside diameter of condensate drain		mm	ø25	ø25	ø25	ø25
Specifications of outdoor units						
Dimensions	LxDxH	mm	890x342x673	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	43.9	66.9	103.7	107
Sound pressure level / Sound power level (O.U.)		dB(A)	60 / 67	63 / 70	63.5 / 73	64 / 74
Treated air (Max)		m³/h	3500	4000	7500	7500
Motor power (Output)		n° x W	1 x 80	1 x 120	2 x 85	2 x 85
Accessories						
Decorative panel			TBP 711 ZA			
Dimensions	LxDxH	mm	950x950x55	950x950x55	950x950x55	950x950x55
Net weight		Kg	6	6	6	6
Optional parts						
Wi-Fi module			HKM-WIFI-TB			
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.