

RESIDENTIAL AND COMMERCIAL R32

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SLIM CASSETTE 84x84

HTBI 710-1080-1400-1600 ZA



	SEER	SCOP
7.03 kW	6.1/A++	4.0/A+
8.79 kW	6.5/A++	3.8/A
11.40 kW	5.9/A+	3.9/A
10.55 kW	6.1/A++	4.0/A+
14.07 kW	6.1/A++	4.0/A+
15.53 kW	6.1/A++	4.0/A+

-15~50°C | -15~24°C
Operating range in cooling and heating

Pre-set for external air inlet

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



Remote control included as standard



Indoor unit model		HTBI 710 ZA	HTBI 1080 ZA	HTBI 1400 ZA	HTBI 1080 ZA	HTBI 1400 ZA	HTBI 1600 ZA	
Outdoor unit model		HCKI 710 ZA	HCKI 880 ZA	HCKI 1200 ZA	HCSI 1080 ZA	HCSI 1400 ZA	HCSI 1600 ZA	
Type		FULL DC-Inverter heat pump						
Control (included)		Remote control						
Rated capacity (T=+35°C)	Cooling	kW	7.03 (3.22~8.21)	8.79 (4.04~10.02)	11.40 (4.75~13.19)	10.55 (4.04~12.02)	14.07 (4.75~14.58)	15.53 (5.28~16.71)
Rated absorbed power (T=+35°C)		kW	2.19 (0.48~2.85)	2.93 (0.89~4.20)	3.77 (1.16~4.79)	3.95 (0.89~4.50)	5.13 (1.17~5.60)	5.95 (1.15~6.68)
Rated energy efficiency coefficient		EER ³	3.21	3.00	3.02	2.67	2.74	2.61
Seasonal energy efficiency class		626/2011 ¹	A++	A++	A+	A++	A++	A++
Seasonal energy efficiency index		SEER ²	6.1	6.5	5.9	6.1	6.1	6.1
Annual energy consumption		kWh/a	402	479	694	602	805	901
Theoretical load (Pdesignc)		kW	7.0	8.9	11.7	10.5	14.0	15.7
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.43~8.65)	9.82 (2.94~11.48)	13.20 (3.93~15.03)	11.14 (2.95~14.14)	16.12 (3.93~16.77)	18.17 (4.40~19.34)
Rated absorbed power (T=+7°C)		kW	2.05 (0.50~2.88)	2.42 (0.72~4.15)	3.76 (0.99~4.38)	3.00 (0.72~4.75)	5.05 (0.99~5.38)	6.04 (1.02~6.45)
Rated energy performance coefficient		COP ³	3.71	4.06	3.51	3.71	3.19	3.01
Energy efficiency class (average season)		626/2011 ¹	A+	A	A	A+	A+	A+
Seasonal energy efficiency class index (average season)		SCOP ²	4.0	3.8	3.9	4.0	4.0	4.0
Annual energy consumption		kWh/a	1890	2653	3303	2835	3920	4165
Theoretical load (Pdesignh) @-10°C		kW	5.4	7.2	9.2	8.1	11.2	11.9
Operating limits (outside temperature)	Cooling	°C	-15~50					
	Heating	°C	-15~24					
Electrical data			1-220~240V-50HZ			3-380~415V-50HZ		
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	3 x 6 mm ²	5 x 2.5 mm ²	5 x 2.5 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		no.	5 (2 of which shielded)					
Rated absorbed current (min~max)	Cooling	A	9.50 (2.10~12.40)	12.90 (3.90~18.20)	16.50 (5.30~20.80)	6.60 (3.90~8.20)	8.30 (1.80~9.30)	9.80 (1.80~11.60)
	Heating	A	8.90 (2.20~12.50)	10.70 (3.20~18.30)	16.40 (4.50~19.90)	5.00 (3.20~8.30)	8.20 (1.60~8.90)	9.90 (1.60~11.20)
Maximum current		A	13.5	16.5	22.5	10	11.2	14
Maximum absorbed power		kW	2.95	3.60	4.80	5.60	6.20	7.50
Refrigerant circuit			R32 (675)					
Refrigerant (GWP) ⁴			R32 (675)					
Quantity refrigerant pre-load		Kg	1.5	2	2.8	2.4	2.8	2.95
Tons of CO2 equivalent		t	1.013	1.350	1.890	1.620	1.890	1.991
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88 (5/8")					
Max. splitting length		m	50	50	50	65	65	65
Max height difference I.U./O.U.		m	25	25	30	30	30	30
Splitting length without additional load		m	5	5	5	5	5	5
Additional load		g/m	24	24	24	24	24	24
Indoor unit specifications								
Dimensions	LxDxH	mm	840x840x205	840x840x245	840x840x287	840x840x245	840x840x287	840x840x287
Net weight		Kg	23	27.5	29	27.5	29	29.7
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	47/43/40	51/49/46	52/50/49	51/47/41	52/50/49	53/50.5/48
Sound power level (I.U.)	Hi	dB(A)	59	62	66	62	65	65
Treated air volume	Hi/Mi/Lo	m ³ /h	1378/1200/1032	1775/1620/1438	1715/1568/1381	1775/1620/1438	1715/1568/1381	1970/1737/1537
Motor power (Output)		W	141	141	141	141	141	232
Outside diameter of condensate drain		mm	ø32	ø32	ø32	ø32	ø32	ø32
Specifications of outdoor units								
Dimensions	LxDxH	mm	845x363x702	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	66.8	56.9	73.9	81.5	106.7	111.3
Sound pressure level (O.U.)		dB(A)	62	60.5	67	64	66	66
Sound power level (O.U.)		dB(A)	65	69	74	68	72	74
Treated air (Max)		m ³ /h	2700	3600	3800	4000	7500	7500
Motor power (Output)		no. x W	1 x 115	1 x 150	1 x 150	1 x 150	2 x 126	2 x 126
Accessories								
Decorative panel			TBP 710 ZA					
Dimensions	LxDxH	mm	950x950x55					
Net weight		Kg	5					
Optional parts								
Wired remote control			YES					
Manual centralized control			YES					
Wi-Fi centralized control			HKM-WIFI LCAC					

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.