

SLIM CASSETTE

84x84



SOPHISTICATED DESIGN

The 8-ways cassette type unit for suspended ceilings combine exceptional features with a sophisticated design. This range is extremely flexible and uses low GWP R32 refrigerant.

OPERATION

-15~50°C
in cooling

-15~24°C
in heating

PERFORMANCE

MODEL	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+

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HTBI 711-1081-1401-1601 ZA



-15~50° C in cooling
-15~24° C in heating
8-ways TBP 711 ZA panel

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

Pre-set for external air inlet
Remote control included as
standard

Wi-Fi
optional



Indoor unit model			HTBI 711 ZA	HTBI 1081 ZA	HTBI 1401 ZA	HTBI 1601 ZA
Outdoor unit model			HCKI 711 ZA-1	HCSI 1081 ZA-1	HCSI 1401 ZA-1	HCSI 1601 ZA-1
Type			FULL 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 Theoretical load (Pdesignc)	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)
		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)
		EER ³	3.03	2.64	3.03	3.05
		626/2011 ¹	A++	A++	A++	A++
		SEER ²	6.20	6.40	6.10	6.30
		kWh/a	395	574	803	850
		kW	7.00	10.50	14.00	15.30
		kW	7.62 (2.81~8.94)	11.14 (2.78~12.30)	16.12 (4.10~17.29)	18.12 (4.40~19.93)
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	1.90 (0.61~2.70)	3.00 (0.78~4.00)	4.58 (0.90~5.50)	5.55 (1.02~6.70)
		COP ³	4.01	3.71	3.52	3.27
		626/2011 ¹	A+	A+	A+	A+
		SCOP ²	4.00	4.00	4.00	4.00
		kWh/a	2100	2870	3850	4165
		kW	6.00	8.20	11.00	11.90
		°C	-15~50			
		°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	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
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. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 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.