

SLIM CASSETTE

84x84



MONOSPLIT CASSETTE TYPE UNIT

The 8-way cassette type units for suspended ceilings combine exceptional features with a sophisticated design. They offer high seasonal efficiency and advanced control options. 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
6.16 kW	6.20/A++	4.00/A+
10.01 kW	6.40/A++	4.00/A+
12.93 kW	6.10/A++	4.00/A+
13.57 kW	6.30/A++	4.00/A+

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SLIM CASSETTE 84x84

HTBI 711-1081-1401-1601 ZA



-15~50° C in cooling
-15~24° C in heating
8-way 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			DC-Inverter heat pump			
Control (included)			IR Remote control			
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	6.16 (3.30~7.91)	10.01 (2.70~11.43)	12.93 (3.52~15.83)	13.57 (4.10~16.71)
Rated absorbed power (T=+35°C)		kW	1.88 (0.78~2.75)	3.04 (0.89~4.15)	3.97 (0.80~5.90)	4.16 (0.98~6.20)
Rated energy efficient coefficient		EER ¹	3.28	3.29	3.26	3.26
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.81~8.94)	11.14 (2.78~12.30)	15.44 (4.10~17.29)	15.30 (4.40~19.93)
Rated absorbed power (T=+7°C)		kW	1.90 (0.61~2.70)	3.00 (0.78~4.00)	4.14 (0.90~5.50)	4.07 (1.02~6.70)
Rated energy performance coefficient		COP ¹	4.01	3.71	3.73	3.76
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	7.00	10.50	14.00	15.30
Seasonal energy efficiency index		SEER ²	6.20	6.40	6.10	6.30
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++	A++
Annual energy consumption		kWh/y	395	574	803	850
Theoretical load (Pdesignh) @ -10°C	Heating.. (average climate conditions)	kW	6.00	8.20	11.00	11.90
Seasonal energy efficiency index		SCOP ²	4.00	4.00	4.00	4.00
Seasonal energy efficiency class		626/2011 ³	A+	A+	A+	A+
Annual energy consumption		kWh/y	2100	2870	3850	4165
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	3Ph - 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	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 current		kW	3.70	5.00	6.90	7.50
Refrigerant circuit						
Refrigerant ⁴	Type (GWP)	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)	9.52(3/8") / 15.88(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 charge	m	5	5	5	5	
Additional charge	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 power level	Hi	dB(A)	57	63	65	65
Sound pressure level	Hi/Mi/Lo	dB(A)	50/47.5/42	51/49/46	52.5/50.5/48	54.5/52/49.5
Treated air volume	Hi/Mi/Lo	m ³ /h	1247/1118/992	1700/1530/1300	1900/1750/1600	2000/1850/1650
Condensate drain pipe diameter		mm	ø25	ø25	ø25	ø25
Outdoor unit specifications						
Dimensions	LxDxH	mm	890x342x673	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	43.9	80.5	103.7	107
Sound power level		dB(A)	67	70	73	74
Sound pressure level		dB(A)	60	63	63.5	64
Treated air volume	Max	m ³ /h	3500	4000	7500	7500
Operating range (outdoor temperature)	Cooling	°C	-15~50			
	Heating	°C	-15~24			
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				DHW-WT-ZA		
Centralized control				DTC IHXR TOUCH / DTCWT IHXR		
Wi-Fi centralized control				XRV Mobile BMS		

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012. - Value measured according to the harmonised standard EN14825. 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 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.