

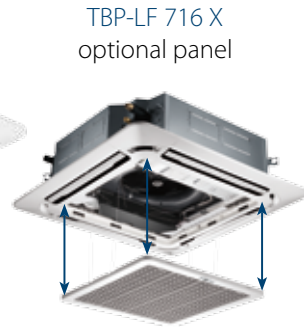
RESIDENTIAL AND COMMERCIAL R410A



SLIM CASSETTE 84X84



HTBI 530-710-1080-1400-1600 ZA



TBP-LF 716 X
optional panel



Remote control
(standard)

Main features:

- 5 power levels: 5.36~16.00 kW.
- Pre-set for external air intake.
- Condensate drain pump included.
- Electrical box inside the unit body.
- Panel with 360° air distribution; wide range of louvre oscillation up to 40°.
- Compact dimensions: only 205 mm in height (5.36 kW model), can be perfectly built into even the narrowest false ceilings.
- Easy installation.
- Easier maintenance thanks to the panel up/down motor (optional).
- Hybrid indoor unit, compatible with gas R410A and R32.

Indoor unit model			HTBI 530 ZA	HTBI 710 ZA	HTBI 1080 ZA	HTBI 1400 ZA	HTBI 1600 ZA
Outdoor unit model			HCKI 531 XA	HCKI 711 XA	HCSI 1081 XA	HCSI 1401 XA	HCSI 1601 XA
Type			FULL DC-Inverter	FULL DC-Inverter	FULL DC-Inverter	FULL DC-Inverter	FULL DC-Inverter
Rated capacity (T=+35°C)	Cool.	W	5360 (790-6150)	7360 (1200-8210)	10570 (2930-12020)	14000 (3990-16120)	16000 (4980-18460)
Rated absorbed power (T=+35°C)	Cool.	W	1660 (260-2365)	2280 (400-3155)	4050 (975-4620)	5690 (1330-6200)	6280 (1660-7100)
Annual energy consumption	Cool.	kWh/a	283	402	602	875	950
Seasonal energy efficiency class	Cool.	626/2011 ¹	A++	A++	A++	A+	A+
Seasonal energy efficiency index	Cool.	SEER2	6.3	6.1	6.1	5.6	5.6
Theoretical load (Pdesignc)	Cool.	kW	5.10	7.00	10.50	14.00	15.20
Rated capacity (T=+7°C)	Heat.	W	5800 (880-7030)	7400 (1200-8650)	12000 (2640-13190)	15600 (4190-17590)	18000 (5280-20510)
Rated absorbed power (T=+7°C)	Heat.	W	1560 (290-2510)	1940 (400-3090)	3240 (880-4690)	5100 (1400-6765)	5700 (1760-7320)
Annual energy consumption	Heat.	kWh/a	1680	1820	3535	4025	4025
Energy efficiency class (average season)	Heat.	626/2011 ¹	A+	A+	A+	A+	A+
Seasonal energy efficiency class index (average season)	Heat.	SCOP2	4.0	4.0	4.0	4.0	4.0
Theoretical load (Pdesignh)	Heat.	kW	4.80	5.20	10.10	11.50	11.50
Power	Ph-V-Hz		1-220~240V-50HZ	1-220~240V-50HZ	3-380~400V-50HZ	3-380~400V-50HZ	3-380~400V-50HZ
	IU ~ OU		OU	OU	OU	OU	OU
Absorbed current (MAX)	A		11.5	14.4	10	13	14
Connection wires IU/OU (not including earthing)	no.		4 (2 of which shielded)	4 (2 of which shielded)	4 (2 of which shielded)	4 (2 of which shielded)	4 (2 of which shielded)
Refrigerant circuit							
Diameter of refrigerant piping on liquid/gas side	mm/inches		ø 6.35(1/4") - ø 12.74(1/2")	ø 9.52(3/8") - ø 15.88(5/8")	ø 9.52(3/8") - ø 15.88(5/8")	ø 9.52(3/8") - ø 15.88(5/8")	ø 9.52(3/8") - ø 15.88(5/8")
Max. splitting length I.U./O.U.	m		30	50	65	65	65
Max. splitting height difference IU/OU	m		20	25	30	30	30
Refrigerant (GWP) ⁴			R410A(2088)	R410A(2088)	R410A(2088)	R410A(2088)	R410A(2088)
Quantity refrigerant pre-load	Kg		1.48	1.95	3.20	4.00	4.30
Splitting length without additional load	m		5	5	5	5	5
Additional load	g/m		15	30	30	30	30
Outdoor temperature operating limit in cool.	°C		-15°C ~ +50°C	-15°C ~ +50°C	-15°C ~ +50°C	-15°C ~ +50°C	-15°C ~ +50°C
Outdoor temperature operating limit in heat.	°C		-15°C ~ +24°C	-15°C ~ +24°C	-15°C ~ +24°C	-15°C ~ +24°C	-15°C ~ +24°C
Specifications of indoor units							
Indoor unit	Dimensions (LxHxD)	mm	840x205x840	840x245x840	840x245x840	840x287x840	840x287x840
	Net weight	Kg	21.4	23	27.5	29	29.7
Sound pressure level - Indoor U.	Hi/Mi/Lo	dB(A)	46/41/37	47/43/40	52/49/46	52/50/49	53/50.5/48
Sound power level - Indoor U.	Hi	dB(A)	56	61	62	64	68
Treated air (High / Med. / Low)	m ³ /h		1036/867/763	1378/1200/1032	1775/1620/1438	1715/1568/1381	1970/1737/1537
Outside diameter of condensate drain	mm		ø32	ø32	ø32	ø32	ø32
Remote control (supplied)	type		Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control
Specifications of outdoor units							
Outdoor unit	Dimensions (LxHxD)	mm	800x554x333	845x702x363	946x810x410	952x1333x410	952x1333x410
	Net weight	Kg	35.5	49	78.9	108.1	112.8
Sound pressure level - Outdoor U.		dB(A)	56.5	60.5	62	65	62.5
Sound power level - Outdoor U.		dB(A)	65	65	69	73	75
Max air treated	m ³ /h		2100	2700	4300	6800	7200
Accessories							
Panel			TBP 716 X	TBP 716 X	TBP 716 X	TBP 716 X	TBP 716 X
Panel data	Dimensions (LxD)	mm	950x55x950	950x55x950	950x55x950	950x55x950	950x55x950
	Net weight	Kg	5	5	5	5	5
Optional parts							
LIFT panel			TBP-LF 716 X	TBP-LF 716 X	TBP-LF 716 X	TBP-LF 716 X	TBP-LF 716 X
Wired remote control					YES		
Wire remote control (with Lift Panel)					DTW IHXR Touch		
Centralised control					YES		
Wi-Fi control					Possible via 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. 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 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 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.