

# Commercial Inverter



## 84x84 Cassette HTBI XR

3-dimensional screw fan, providing efficiency and quietness.

Standard drain pump.

Innovative design of the swing louver, providing an opening angle up to 42°.

Indoor Unit Model			HTBI 711 XR	HTBI 1081 XR	HTBI 1081 XR	HTBI 1411 XR	HTBI 1411 XR
Outdoor Unit Model			HCKI 711 XR	HCKI 1081 XR	HCSI 1082 XR	HCKI 1411 XR	HCSI 1412 XR
Type			DC-Inverter	DC-Inverter	DC-Inverter	DC-Inverter	DC-Inverter
Capacity	Cooling	kW	7,10(1,59~7,85)	10,80(2,90~12,40)	10,80(2,90~12,40)	14,10(3,40~15,00)	14,10(3,40~15,00)
	Heating	kW	7,80(1,70~8,50)	11,85(3,70~13,20)	11,85(3,70~13,20)	15,40(4,20~16,00)	15,40(4,20~16,00)
Power Input	Cooling	kW	2,18(0,98~2,80)	3,32(2,30~5,50)	3,33(2,30~4,90)	4,35(2,50~6,00)	4,33(2,50~5,95)
	Heating	kW	2,09(1,05~2,60)	3,20(2,00~5,20)	3,18(2,00~4,64)	4,16(2,30~5,60)	4,15(2,30~5,55)
EER / Energy Class			3,26 / A	3,25 / A	3,24 / A	3,24 / A	3,26 / A
COP / Energy Class			3,73 / A	3,71 / A	3,73 / A	3,70 / A	3,71 / A
Annual Consumption (cooling) (500h/year)		kW	1090	1660	1665	2175	2165
Power supply		Ph-V-Hz	1-220~240V-50HZ		3-380~400V-50HZ	1-220~240V-50HZ	3-380~400V-50HZ
		I.U.-O.U.	I.U. + O.U.				
Input Rated Current (Cooling - Heating)		A	9,48 - 9,13	14,13 - 13,91	4,72 - 4,36	18,96 - 18,09	6,30 - 6,13
Wiring cables i.u./o.u. (without ground)		n°	STP(2 plus + ordinary one)				
Refrigerant Pipe Liquid/Gas side		mm(inch.)	9,52(3/8") - 15,88(5/8")				
Max splitting distance indoor/outdoor		m	25	30		50	
Max splitting level difference (out.-ind./ind.-out.)		m	15/9	20/12		25 / 20	30/20
Refrigerant Precharge		Kg	2,20	4,10	2,90	4,45	3,55
MAX Splitting with Refrigerant Precharge		m	5				
Additional Refrigerant Charge		g/m	30				
Temperature range cooling		°C	-15°C ~ +43°C				
Temperature range heating		°C	-15°C ~ +21°C				
<b>Indoor Unit specifications</b>							
Indoor Unit	Dimension (WxHxD)	mm	840x230x840		840x300x840		
	Net	Kg	29		36		
Indoor Noise level 1 m (Hi/Mi/Lo)		dB(A)	42/40/39		44/42/41		
Indoor Noise level 2,5 m (Hi/Mi/Lo)		dB(A)	34/32/31		36/34/33		
Indoor air flow (Hi/Mi/Lo)		m³/h	1220/1010/820		1530/1300/1120		
Drain hose diameter		mm	32				
Remote Controller (st. equipment)		type	IR Wireless				
<b>Outdoor Unit Specifications</b>							
Outdoor Unit	Dimension (WxHxD)	mm	895x862x355	940x1245x400	990x966x396	940x1245x400	
	Net	Kg	72	106	107	106	115
Max noise level 1 - 2,5 m		dB(A)	53 - 45	57 - 49	55 - 47	59 - 51	
Max air flow		m³/h	3000	6000	5000	6000	
<b>Accessories</b>							
Panel			TBP 711 IHXR				
Panel	Dimension (WxHxD)	mm	950x46x950				
	Net	Kg	6				
<b>Options</b>							
Wired control			DTW VEH / DTW IHXR				
Centralized control			DTC VEH / DTC IHXR				
Weekly timer			DTWT IHXR				