XRV INDIVIDUAL
Heat pump

HCYUM 6706 XRV-I HCYUM 7856 XRV-I
HCYUM 7306 XRV-I HCYUM 8506 XRV-I

Splitting and height difference lengths

Model	HCYUM 6706 XRV-I	HCYUM 7306 XRV-I	HCYUM 7856 XRV-I	HCYUM 8506 XRV-I
Maximum distance between O.U. and the farthest I.U.	200 m	200 m	200 m	200 m
Maximum distance from the first branch pipe to the farthest I.U.	40 m	40 m	40 m	40 m
Maximum height difference between O.U. (up high) and I.U.	90 m	90 m	90 m	90 m
Maximum height difference between O.U. (down low) and I.U.	110 m	110 m	110 m	110 m
Maximum height difference between I.U.	30 m	30 m	30 m	30 m
Maximum length of the pipes	**1000 m**	**1000 m**	**1000 m**	**1000 m**

All units are equipped with a high efficiency Full DC Inverter compressor.

DC Inverter motor fan:

- broader fan speed modulations;
- less noise.

Self-diagnosis function for main system problems.

Individual modules from 40 to 85 kW for simplified installation without the need for modular units.

Elegant, compact design.

Broad operating range:

- cooling -5° C ~ +48° C;
- heating -25° C ~ +24° C.

Auto-addressing of indoor units.

Maximum number of connectable indoor units is 50.

Model			HCYUM 6706 XRV-I	HCYUM 7306 XRV-I	HCYUM 7856 XRV-I	HCYUM 8506 XRV-I
Power		HP	24	26	28	30
Rated capacity[1]	Cooling	kW	67.00	73.00	78.50	85.00
Rated absorbed power		kW	21.60	21.60	24.90	28.30
Energy efficiency coefficient (rated)		EER	3.10	3.40	3.15	3.00
Rated capacity[2]	Heating	kW	67.00	73.00	78.50	85.00
Rated absorbed power		kW	16.80	18.10	21.80	24.30
Energy performance coefficient (rated)		COP	4.00	4.05	3.60	3.50
Electrical data						
Power supply		Ph-V-Hz	3-380~415V50Hz			
Maximum current		A	54.50	52.90	58.70	64.90
Refrigerant circuit/features						
Refrigerant[3]		Type (GWP)	R 410A (2088)			
Quantity refrigerant pre-load (tons of CO2 equivalent)		Kg	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)	11.8 (24.638)
Compressor		no. / type	2 / Scroll DC Inverter			
Diameter refrigerant pipes	Liquid	mm (inch)	19.1 (3/4")	22.2 (7/8")		
	Gas	mm (inch)	31.8 (1"1/4)			38.1 (1"1/2)
Product Specifications						
Dimensions	LxHxD	mm	1730x1830x850			
Net weight		Kg	407	429	429	475
Sound power level	max	dB(A)	89	90		
Sound pressure level at 1 m	max	dB(A)	67	68		
Treated air volume	max	m3/h	25000	25000	25000	24000
Operating limits (outside temperature)	Cooling	°C	-5~48			
	Heating	°C	-25~24			
Max. connectable I.U. (min - max)		n°	39	43	46	50
Capacity of connectable indoor units		%	50 - 130			

1. Cooling capacity tested in accordance with ISO 5151 Standards; outside temperature 35° C DB, 24° C WB and inside temperature 27° C DB, 19° C WB.
2. Heating capacity tested in accordance with ISO 5151 Standards; outside temperature 7° C DB, 6° C WB and inside temperature 20° C DB, 15° C WB.
3. 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.
4. For the calculation of the additional refrigerant charge refer to the labels placed inside and outside the unit.