XRV PLUS MINI
Heat pump

HCYU 2006 XRV
HCYU 2246 XRV
HCYU 2606 XRV
HCYU 2806 XRV
HCYU 3356 XRV

Splitting and height difference lengths

Model	HCYU 2006 XRV	HCYU 2246 XRV	HCYU 2606 XRV	HCYU 2806 XRV	HCYU 3356 XRV
Maximum distance between O.U. and the farthest I.U.	110 m	110 m	110 m	110 m	110 m
Maximum distance from the first branch pipe to the farthest I.U.	40 m	40 m	40 m	40 m	40 m
Maximum height difference between O.U. (up high) and I.U.	50 m	50 m	50 m	50 m	50 m
Maximum height difference between O.U. (down low) and I.U.	40 m	40 m	40 m	40 m	40 m
Maximum height difference between I.U.	15 m	15 m	15 m	15 m	15 m
Maximum length of the pipes	**150 m**	**150 m**	**150 m**	**150 m**	**150 m**

All units are equipped with a high efficiency Full DC Inverter compressor.
DC Inverter motor fan:
- broader fan speed modulations;
- less noise.

Up to 20 indoor units connected to one compact outdoor unit.
Self-diagnosis function for main system problems.

Broad operating range:
- cooling -5° C ~ +48° C;
- heating -20° C ~ +24° C.

Auto-addressing of indoor units.

Model			HCYU 2006 XRV	HCYU 2246 XRV	HCYU 2606 XRV	HCYU 2806 XRV	HCYU 3356 XRV
Power		HP	7	8	9	10	12
Rated capacity[1]	Cooling	kW	20.00	22.40	26.00	28.00	33.50
Rated absorbed power		kW	5.28	6.77	10.04	12.02	15.30
Energy efficiency coefficient (rated)		EER	3.79	3.31	2.59	2.33	2.19
Rated capacity[2]	Heating	kW	20.00	22.40	26.00	28.00	33.50
Rated absorbed power		kW	4.43	5.42	6.86	7.55	10.15
Energy performance coefficient (rated)		COP	4.51	4.13	3.79	3.71	3.30
Electrical data							
Power supply		Ph-V-Hz	3-380~415V50Hz				
Maximum current		A	19.00	19.00	20.50	21.00	26.40
Refrigerant circuit/features							
Refrigerant[3]		Type (GWP)	R410A (2088)				
Quantity refrigerant pre-load (tons of CO2 equivalent)		Kg	6.5 (13.572)	6.5 (13.572)	6.5 (13.572)	6.5 (13.572)	8 (16.704)
Compressor		no. / type	1/ Rotary DC Inverter			1/ Rotary DC Inverter	
Diameter refrigerant pipes	Liquid	mm (inch)	9.53 (3/8")		9.53 (3/8")		12.7 (1/2")
	Gas	mm (inch)	19.1 (3/4")		22.2 (7/8")		25.4 (1")
Product Specifications							
Dimensions	LxHxD	mm	1120x1558x528				
Net weight		Kg	143		144		157
Sound power level	max	dB(A)	78		78		81
Sound pressure level at 1 m	max	dB(A)	58		59	60	61
Treated air volume	max	m3/h	9000		10000	11000	11300
Operating limits (outside temperature)	Cooling	°C	-5~48				
	Heating	°C	-20~24				
Max. connectable I.U. (min - max)		n°	1 - 11	1 - 13	1 - 15	1 - 16	1 - 20
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.