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# XRV PLUS MINI

## Heat pump



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

### Splitting and height difference lengths

Modello	HCYU 2006 XRV	HCYU 2246 XRV	HCYU 2606 XRV	HCYU 2806 XRV	HCYU 3356 XRV
Max. distance between O.U. and the farthest I.U.	110 m	110 m	110 m	110 m	110 m
Max. distance from the first branch pipe to the farthest I.U.	40 m	40 m	40 m	40 m	40 m
Max. height difference between upper O.U. and I.U.	50 m	50 m	50 m	50 m	50 m
Max. height difference between lower O.U. and I.U.	40 m	40 m	40 m	40 m	40 m
Max. height difference between I.U.	15 m	15 m	15 m	15 m	15 m
<b>Maximum length of the pipes</b>	<b>150 m</b>	<b>150 m</b>	<b>150 m</b>	<b>150 m</b>	<b>150 m</b>

All units are equipped with high efficiency Full DC Inverter compressors.

Fan with DC Inverter motor:

- wider fan speed adjustment;
- noise reduction.

Up to 20 indoor units connected to one compact outdoor unit.

Self-diagnosis function for main system problems.

Wide 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 <sup>1</sup>	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
Rated energy efficient		EER	3.79	3.31	2.59	2.33	2.19
Rated capacity <sup>2</sup>	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
Rated energy performance coefficient		COP	4.51	4.13	3.79	3.71	3.30
<b>Electrical data</b>							
Power supply		Ph-V-Hz	3-380~415V50Hz				
Maximum current		A	19.00	19.00	20.50	21.00	26.40
<b>Refrigerant circuit</b>							
Refrigerant <sup>3</sup>		Tipo (GWP)	R410A (2088)				
Quantity refrigerant pre-load <sup>4</sup> (tons of CO2 equivalent)		Kg (t)	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 of refrigerant pipings	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")
<b>Product specifications</b>							
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	m <sup>3</sup> /h	9000		10000	11000	11300
Operating range (outdoor temperature)	Cooling	°C	-5~48				
	Heating	°C	-20~24				
Connectable indoor units (min - max)		no.	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 Standard. Outdoor temperature 35°C DB, 24°C WB and indoor temperature 27°C DB, 19° WB.

2. Heating capacity tested in accordance with ISO 5151 Standard. Outdoor temperature 7°C DB, 6°C WB and indoor temperature 20°C DB, 15° 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.