

PROJECT VRF R410A FULL DC INVERTER

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XRV PLUS MINI Heat pump



HCUY 2006 XRV HCUY 2806 XRV
HCUY 2246 XRV HCUY 3356 XRV
HCUY 2606 XRV

Splitting and height difference lengths

Model	HCUY 2006 XRV	HCUY 2246 XRV	HCUY 2606 XRV	HCUY 2806 XRV	HCUY 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.

Auto-addressing of indoor units.

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			HCUY 2006 XRV	HCUY 2246 XRV	HCUY 2606 XRV	HCUY 2806 XRV	HCUY 3356 XRV
Power	HP		7	8	9	10	12
Rated capacity ¹	Cooling	kW	20.00	22.40	26.00	28.50	33.50
		kW	5.20	6.77	10.04	12.23	15.30
		EER	3.79	3.31	2.59	2.33	2.19
Rated capacity ²	Heating	kW	20.00	22.40	26.00	28.50	33.50
		kW	4.43	5.42	6.86	7.68	10.15
		COP	4.51	4.13	3.79	3.71	3.30
Electrical data							
Power supply	Ph-V-Hz		3-380~415V50Hz				
Maximum current	A		12.00	12.40	15.00	18.40	19.60
Refrigerant circuit / features							
Refrigerant (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)
DC Inverter compressor	no. / type		1/ Rotary DC inverter			1/ Rotary DC inverter	
Pipe diameter	Liquid	Ø mm (inch)	9.53 (3/8")				12.7 (1/2")
	Gas	Ø mm (inch)	19.1 (3/4")		22.2 (7/8")		25.4 (1")
Product Specifications							
Dimensions	LxHxD	mm	1120x1558x528				
Net weight		Kg	143	143	144	144	157
Sound pressure level at 1 m	max	dB(A)	58		59		61
	max	dB(A)	78		78		81
Fan air flow	max	m ³ /h	9000	9000	10000	11000	11300
	Operating limits (outside temperature)	Cooling	°C				
	Heating	°C					
Max. connectable I.U.	no.		10	13	15	16	20
Capacity of connected 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.