

PROJECT VRF R410A FULL DC INVERTER

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XRV PLUS MINI Heat pump



HCNU 806 XRV HCNU 1056 XRV
HCNU 1206 XRV HCNU 1406 XRV
HCNU 1606 XRV

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

Slim, flexible design.

Fan with DC Inverter motor:

- broader fan speed modulations;
- less noise.

The efficient fan design and the sunburst grill allow an high airflow rate with low noise.

Splitting and height difference lengths

Model	HCNU 806 XRV	HCNU 1056 XRV	HCNU 1206 XRV	HCNU 1406 XRV	HCNU 1606 XRV
Maximum distance between O.U. and the farthest I.U.	40 m	50 m	50 m	70 m	70 m
Maximum distance from the first branch pipe to the farthest I.U.	20 m	20 m	20 m	20 m	20 m
Maximum height difference between O.U. (up high) and I.U.	10 m	20 m	20 m	30 m	30 m
Maximum height difference between O.U. (down low) and I.U.	10 m	20 m	20 m	20 m	20 m
Maximum height difference between I.U.	8 m	8 m	8 m	8 m	8 m
Maximum distance between I.U. and branch pipe	15 m	15 m	15 m	15 m	15 m
Maximum length of the pipes	50 m	65 m	65 m	100 m	100 m

Broad operating range:

- cooling -5° C ~ +55° C;
- heating -15° C ~ +27° C.

Auto-addressing of indoor units.

Model			HCNU 806 XRV	HCNU 1056 XRV	HCNU 1206 XRV	HCNU 1406 XRV	HCNU 1606 XRV
Power	HP		2.5	3.2	4.5	5	6
Rated capacity ¹	Cooling	kW	7.20	9.00	12.20	14.00	15.50
		Rated absorbed power	2.18	2.64	4.32	4.56	5.35
		Energy efficiency coefficient (rated)	EER	3.30	3.41	2.83	3.07
Rated capacity ²	Heating	kW	7.20	9.00	14.00	16.00	18.00
		Rated absorbed power	1.82	2.12	3.17	4.08	5.71
		Energy performance coefficient (rated)	COP	3.95	4.29	4.40	3.92
Electrical data							
Power supply	Ph-V-Hz		1-220~240V-50Hz				
Maximum current	A		9.45	9.45	15.50	15.50	15.50
Refrigerant circuit/features							
Refrigerant (GWP)			R410A (2088)				
Quantity refrigerant pre-load (tons of CO2 equivalent)	Kg		2.2 (4.594)	2.5 (5.220)	3 (6.264)	3.4 (7.099)	3.80 (7.934)
DC Inverter compressor	no. / type		1/ Rotary DC inverter				
Diameter refrigerant pipes	Liquid	Ø mm (inch)	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")
	Gas	Ø mm (inch)	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	19.1 (3/4")
Product Specifications							
Dimensions	LxHxD	mm	982x712x440	950x840x426		1040x865x523	
Net weight		Kg	55	72.5	84	91.4	95.4
Sound pressure level at 1 m	max	dB(A)	54	54	56	56	56
	max power level	dB(A)	65	68	70	71	71
Fan air flow	max	m ³ /h	3700	5200	5000	5400	5200
Operating limits (outside temperature)	Cooling	°C	-5~-55	-5~-55	-5~-55	-5~-55	-5~-55
	Heating	°C	-15~-27	-15~-27	-15~-27	-15~-27	-15~-27
Max. connectable I.U.	no.		4	6	7	8	9
Capacity of connectable indoor units	%		50 - 130	50 - 130	50 - 130	50 - 130	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.