XRV PLUS MINI
Heat pump

HCNU 1056 XRV
HCNU 1206 XRV

HCNU 1406 XRV
HCNU 1606 XRV

Splitting and height difference lengths

Model	HCNU 1056 XRV	HCNU 1206 XRV	HCNU 1406 XRV	HCNU 1606 XRV
Max. distance between O.U. and the farthest I.U.	50 m	50 m	70 m	70 m
Max. distance from the first branch pipe to the farthest I.U.	20 m	20 m	20 m	20 m
Max. height difference between upper O.U. and I.U.	20 m	20 m	30 m	30 m
Max. height difference between lower O.U.and I.U.	20 m	20 m	20 m	20 m
Max. height difference between I.U.	8 m	8 m	8 m	8 m
Max. distance between I.U. and branch pipe	15 m	15 m	15 m	15 m
Maximum length of the pipes	**65 m**	**65 m**	**100 m**	**100 m**

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

Design sottile e flessibile.

Fan with DC Inverter motor:

- wider fan speed adjustment;
- noise reduction.

Optimal fan design and fan-shaped deflector ensure low noise at high airflow rates.

Wide operating range:

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

Auto-addressing of indoor units.

Model			HCNU 1056 XRV	HCNU 1206 XRV	HCNU 1406 XRV	HCNU 1606 XRV
Power		**HP**	**3.2**	**4.5**	**5**	**6**
Rated capacity[1]	Cooling	kW	9.00	12.20	14.00	15.50
Rated absorbed power		kW	2.64	4.32	4.56	5.35
Rated energy efficiency coefficient		EER	3.41	2.83	3.07	2.90
Rated capacity[2]	Heating	kW	9.00	14.00	16.00	18.00
Rated absorbed power		kW	2.12	3.17	4.08	5.71
Rated energy performance coefficient		COP	4.29	4.40	3.92	3.20
Electrical data						
Power supply		Ph-V-Hz	1-220~240V-50Hz			
Maximum current		A	28.80	35.00	40.00	40.00
Refrigerant circuit						
Refrigerant[3]		Tipo (GWP)	R410A (2088)			
Quantity refrigerant pre-load[4] (tons of CO2 equivalent)		Kg (t)	2.5 (5.220)	3 (6.264)	3.4 (7.099)	3.8 (7.934)
Compressor		no. / type	1 / Rotary DC Inverter			
Diameter of refrigerant pipings	Liquid	mm (inch)	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")
	Gas	mm (inch)	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	19.1 (3/4")
Product specifications						
Dimensions	LxHxD	mm	950x840x426		1040x865x523	
Net weight		Kg	72.5	84	91.4	95.4
Sound power level	max	dB(A)	68	70	71	71
Sound pressure level at 1 m	max	dB(A)	54	56	56	56
Treated air volume	max	m3/h	5200	5000	5400	5200
Operating range (outdoor temperature)	Cooling	°C	-5~55			
	Heating	°C	-15~27			
Connectable indoor units (min - max)		**no.**	**1 - 6**	**1 - 7**	**1 - 8**	**1 - 9**
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°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.