

## XRV MULTI SYSTEM - FULL DC INVERTER

### XRV PLUS MINI

Heat pump



HCNU 804 XRV-1 Plus  
HCNU 1054 XRV-1 Plus



HCSU 1404 XRV-1 Plus  
HCSU 1604 XRV-1 Plus  
HCSU 1804 XRV-1 Plus

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

Slim, flexible design.

DC Inverter motor fan:

- Wider fan speed adjustment range
- Reduced noise level

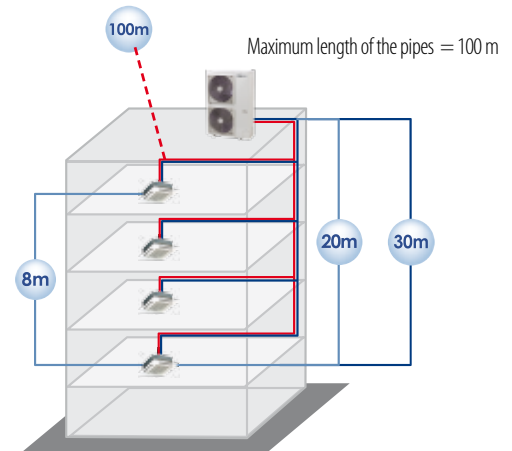
Optimal design of the and fan-shaped louvre, that ensure low noise level at high air flow.

Wide operating temperature range:

- Cooling -15° C ~ +48° C
- Heating -15° C ~ +27° C

Auto-addressing of indoor units.

### SPLITTING LENGTHS AND HEIGHT DIFFERENCES



Maximum distance between OU and the farthest IU = 70 m  
(50 m for HCNU 804 XRV-1 Plus + HCNU 1054 XRV-1 Plus )

Maximum distance from the first branch pipe to the farthest IU = 20 m

Maximum height difference between OU (up high) and IU = 30 m

Maximum height difference between OU (down low) and IU = 20 m

Maximum height difference between IU = 8 m

Maximum length of the pipes = 100 m

Model		HCNU 804 XRV-1 Plus	HCNU 1054 XRV-1 Plus	HCSU 1404 XRV-1 Plus	HCSU 1604 XRV-1 Plus	HCSU 1804 XRV-1 Plus
Power	HP	2.85	3.75	5	6	6.5
Rated cooling capacity (1)	kW	7.20	9.00	14.00	15.50	17.50
Rated heating capacity (2)	kW	7.20	9.00	15.40	17.00	19.00
<b>Electrical data</b>						
Power supply	Volt/Hz/Ph	220-240/50/1			380-415/50/3	
Electric consumption in cooling mode (fully operational)	kW / A	1.82 / 8.27	2.30 / 10.4	3.95 / 9.3	4.52 / 10.7	5.30 / 12.5
Electric consumption in heating mode (fully operational)	kW / A	1.76 / 8.0	2.27 / 10.3	4.15 / 9.8	4.77 / 11.3	5.00 / 11.8
EER performance coefficient in cooling mode	w/w	3.95	3.91	3.54	3.43	3.30
COP performance coefficient in heating mode	w/w	4.09	3.97	3.71	3.56	3.80
<b>Refrigerant circuit/features</b>						
Refrigerant	Type	R 410A				
Compressor	Type	Rotary DC inverter MITSUBISHI				
Max fan air flow	m <sup>3</sup> /h	5500			6000	6800
Sound pressure level at 1 m max	dB(A)	54			57	59
Sound pressure level at 2.5 m max	dB(A)	46			49	51
Refrigerant connections	Liquid	mm/inches			mm/inches	
	Gas	mm/inches			mm/inches	
Max pipe length	m	100				
Max height difference between indoor units	m	8				
Max height difference between outdoor and indoor units	m	30 (outdoor unit up high) - 20 (outdoor unit down low)				
Operating temp. range in cooling mode	°C / DB	-15° C / 48° C				
Operating temp. range in heating mode	°C / WB	-15° C / 27° C				
Connectable indoor units	no.	4	5	6	7	9
Capacity of connected indoor unit	%	45 - 130				
<b>Dimensions and weight</b>						
Dimensions (LxHxD)	mm	1075x966x396			900x1327x320	
Net weight	Kg	75.5			95	102

(1) Cooling capacity tested in accordance with ISO 5151 Standards; outdoor temperature 35° C DB, 24° C WB and indoor temperature 27° C DB, 19° C WB.

(2) Heating capacity tested in accordance with ISO 5151 Standards; outdoor temperature 7° C DB, 6° C WB and indoor temperature 20° C DB, 15° C WB.