

## XRV MULTI SYSTEM - FULL DC INVERTER

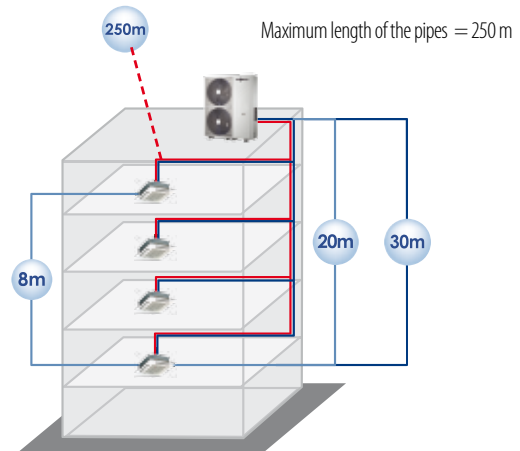
### XRV PLUS MINI

Heat pump



HCU 4004 XRV-1 Plus  
HCU 4504 XRV-1 Plus

### SPLITTING LENGTHS AND HEIGHT DIFFERENCES



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

DC Inverter motor fan:

- Wider fan speed adjustment range
- Reduced noise level

Up to 15 indoor units connected to one compact outdoor unit.

Auto-addressing of indoor units.

Self-diagnosis function for main system problems.

Maximum distance between OU and the farthest IU = 120 m

Maximum distance from the first branch pipe to the farthest IU = 40 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 = 250 m

Model		HCU 4004 XRV-1 Plus	HCU 4504 XRV-1 Plus
Power	HP	14	16
Rated cooling capacity (1)	kW	40.0	45.0
Rated heating capacity (2)	kW	45.0	50.0
<b>Electrical data</b>			
Power supply	Volt/Hz/Ph	380-415/50/3	
Electric consumption in cooling mode (fully operational)	kW / A	11.9 / 12x2	13.6 / 15.4x2
Electric consumption in heating mode (fully operational)	kW / A	11.1 / 12x2	12.7 / 15.4x2
EER performance coefficient in cooling mode	w/w	3.35	3.32
COP performance coefficient in heating mode	w/w	4.05	3.93
<b>Refrigerant circuit/features</b>			
Refrigerant	Type	R 410A	
Compressor	no. / Type	2/ Rotary DC inverter MITSUBISHI	
Fan air flow	Lo/Hi m <sup>3</sup> /h	16575	16575
Sound pressure level at 1 m	Lo/Hi dB(A)	55/62	
Sound pressure level at 2.5 m	Lo/Hi dB(A)	47/50	
Refrigerant connections (3)	Liquid mm/inches	ø 12.7 (1/2)	
	Gas mm/inches	ø 22.2 (7/8)	ø 25.4 (1")
Max pipe length	m	250	
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	-5°C / 43°C	
Operating temp. range in heating mode	°C / WB	-15°C / 24°C	
Connectable indoor units	no.	14	15
Capacity of connected indoor unit	%	50 - 130	
<b>Dimensions and weight</b>			
Dimensions (LxHxD) (4)	mm	1360x1650x540	1460x1650x540
Net weight	Kg	240	275

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

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

(3) When several outdoor units are paired the diameters indicated refer to the section up to the first branch, with a length equivalent or less than 90m U and indoor temperature 27°C DB, 19°C CWB.

(4) Space between the paired units = 100 mm.