

2-PIPE ECOi 6N SERIES

HIGH COP SETTING MODEL 10-16 HP



Next generation VRF newly-redesigned!

- Heating operation at outdoor temperatures down to -25°C
- Extended pipe runs of up to 180 m

Technical focus

- Bigger capacity in one casing (in case 14-16 HP)
- Longer Max piping length up to 1.000 m
- Extended operating range to provide heating at outdoor temperature as low as -25°C
- Suitable for refurbishment projects (Refer to technical data book)

HP			10 HP	12 HP	14 HP	16 HP
High COP setting model			U-14ME1E81	U-16ME1E81	U-18ME1E81	U-20ME1E81
Power supply			400 V / Three Phase / 50 Hz		400 V / Three Phase / 50 Hz	
Cooling capacity			kW		kW	
EER ¹⁾	Nominal	W/W	4.06	4.07	4.01	3.88
Operating current			A		A	
Power input cooling			kW		kW	
Heating capacity			kW		kW	
COP ¹⁾	Nominal	W/W	4.45	4.45	4.41	4.39
Operating current			A		A	
Power input heating			kW		kW	
Starting current			A		A	
External static pressure			Pa		Pa	
Air volume			m³/h		m³/h	
Sound pressure level			dB(A)		dB(A)	
			Normal mode		Normal mode	
			dB(A)		dB(A)	
			Silent mode		Silent mode	
			dB		dB	
Sound power level			dB		dB	
Dimensions			H x W x D		H x W x D	
			mm		mm	
Net weight			kg		kg	
Piping connections			Gas pipe		Gas pipe	
			Liquid pipe		Liquid pipe	
			Balance pipe		Balance pipe	
Demand control			Refrigerant amount at shipment		Refrigerant amount at shipment	
			kg		kg	
Operating range			Cooling Min / Max		Cooling Min / Max	
			°C		°C	
			Heating Min / Max		Heating Min / Max	
			°C		°C	

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB.
DB: Dry Bulb; WB: Wet Bulb

1) EER and COP classification is at 400 V in accordance with EU directive 2002/31/EC.

Specifications subject to change without notice.

For detailed information about ErP, please visit our websites www.aircon.panasonic.co.uk or www.ptc.panasonic.eu

