

Specifications



Model			MDVG -V12WD2BR1	MDVG -V14WD2BR1	MDVG -V16WD2BR1
Power supply		V/Ph/Hz	380-415/ 3/50		
Cooling ¹	Capacity	kW	11.2	12.5	14.5
	Rated input	kW	3.38	3.90	4.70
	EER		3.31	3.20	3.10
Cooling ²	Capacity	kW	12.2	14.2	15.6
	Rated input	kW	2.60	3.10	3.60
	EER		4.69	4.58	4.33
Heating ³	Capacity	kW	12.3	13.8	16.0
	Rated input	kW	3.72	4.25	4.85
	COP		3.31	3.25	3.30
Heating ⁴	Capacity	kW	13.0	15.1	16.5
	Rated input	kW	2.85	3.35	3.92
	COP		4.56	4.51	4.21
Seasonal space heating energy efficiency class			A+	A+	A+
Compressor	Type		Rotary		
Outdoor fan	Motor type		DC motor		
Air heat exchanger	Type		Fin-coil		
	Type		Plate		
Water pump	Pump head	m	7.0	7.0	7.0
Refrigerant	Type		R410A		
	Charged volume	kg	2.8	2.9	3.2
Throttle type			Electronic expansion valve		
Sound power level		dB	68	70	72
Unit net dimension (WxHxD)		mm	970x1,327x400		
Packing dimension (WxHxD)		mm	1,082x1,456x435		
Net/ Gross weight		kg	110/121	111/122	111/122
Water piping connection		inch	1-1/4"		
Ambient temperature range	Cooling	°C	-5-46		
	Heating	°C	-15-27		
LWT setting range	Cooling	°C	4-20		
	Heating	°C	35-54		

Notes:

1. Ambient temperature 35°C. Water in/out 12/7°C
2. Ambient temperature 35°C. Water in/out 23/18°C
3. Ambient temperature 7°C °C85% R.H., Water in/out 40/45°C
4. Ambient temperature 7°C °C85% R.H., Water in/out 30/35°C
5. The above data test reference standard EN14511; EN14825; EN50564; EN12102; (EU)No:811; (EU)No:813; OJ 2014/C 207/02