

VRF R410A VC Max Outdoor Unit

MVC-M500WV2WN1– Cooling Only

3-phase, 220V, 60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MVC-M500WV2WN1 Features:

- ♦ High efficiency by using DC inverter compressor and DC fan motor
- ♦ 1 to 29 indoor units connection
- ♦ Up to 120Pa ESP enables longer duct runs
- ♦ Wide operation range:
cooling -15°C to 55°C (5°F to 131°F)

Specifications:

Model			MVC-M500WV2WN1
Cooling ¹	Capacity	kW (kBtu/h)	50.0 (170.5)
	Input	kW	13.19
	EER	kW/kW	3.79
Connectable indoor unit	Total capacity		50-130% of outdoor unit capacity
	Quantity		29
Compressor	Type		DC inverter
	Quantity		2
Fan motor	Type		DC
	Quantity		2
Outdoor air flow		m ³ /h (CFM)	20500 (12066)
Sound pressure level ²		dB(A)	62
Net dimensions (W×H×D)	mm		1340×1760×825
	inch		52-3/4 x 69-19/64 x 32-31/64
Packed dimensions (W×H×D)	mm		1410×1945×890
	inch		55-33/64 x 76-37/64 x 35-3/64
Net/Gross weight	kg (lbs)		315/335 (695/739)
Refrigerant type/factory charge	kg (lbs)		R410A / 12.8 (28.2)
Liquid/Gas pipe	mm(inch)		Φ19.1/Φ31.8 (Φ3/4/Φ1-1/4)
Minimum Circuit Amps (MCA)	A		60.0
Recommended Fuse Size (MFA)	A		80.0

Notes:

1. Indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Sound pressure level is measured 1m in front of the unit and 1m above the floor in a semi-anechoic chamber.

Dimensional Drawing:

Unit (mm)

