

# VRF R410A VC Max Outdoor Unit

MVC-M224WV2WN1– Cooling Only

3-phase, 220V, 60Hz



## Submittal Data

Job name: \_\_\_\_\_

Location: \_\_\_\_\_

Tag: \_\_\_\_\_

Date: \_\_\_\_\_



### MVC-M224WV2WN1 Features:

- ♦ High efficiency by using DC inverter compressor and DC fan motor
- ♦ 1 to 13 indoor units connection
- ♦ Up to 60Pa ESP enables longer duct runs
- ♦ Wide operation range:  
cooling -15°C to 55°C (5°F to 131°F)

### Specifications:

Model			MVC-M224WV2WN1
Cooling <sup>1</sup>	Capacity	kW (kBtu/h)	22.4 (76.4)
	Input	kW	4.78
	EER	kW/kW	4.69
Connectable indoor unit	Total capacity		50-130% of outdoor unit capacity
	Quantity		1~13
Compressor	Type		DC inverter
	Quantity		1
Fan motor	Type		DC
	Quantity		1
Outdoor air flow		m <sup>3</sup> /h (CFM)	12600 (7416)
Sound pressure level <sup>2</sup>		dB(A)	57
Net dimensions (W×H×D)	mm		940×1760×825
	inch		37-1/64 x 69-19/64 x 32-31/64
Packed dimensions (W×H×D)	mm		1010×1945×890
	inch		39-49/64 x 76-37/64 x 35-3/64
Net/Gross weight		kg (lbs)	190/205 (419/452)
Refrigerant type/factory charge		kg (lbs)	R410A /7.4 (16.3)
Liquid/Gas pipe		mm(inch)	Φ12.7/Φ25.4 (Φ1/2/Φ1)
Minimum Circuit Amps (MCA)		A	28
Recommended Fuse Size (MFA)		A	40

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)

