

VRF R410A VC Max Outdoor Unit

MVC-M850WV2WN1– Cooling Only

3-phase, 220V, 60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MVC-M850WV2WN1 Features:

- ♦ High efficiency by using DC inverter compressor and DC fan motor
- ♦ 1 to 50 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-M850WV2WN1
Cooling ¹	Capacity	kW (kBtu/h)	85.0 (289.9)
	Input	kW	25.84
	EER	kW/kW	3.29
Connectable indoor unit	Total capacity	50-130% of outdoor unit capacity	
	Quantity	50	
Compressor	Type	DC inverter	
	Quantity	2	
Fan motor	Type	DC	
	Quantity	2	
Outdoor air flow		m ³ /h (CFM)	21500 (12655)
Sound pressure level ²		dB(A)	64
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)	330/350 (728/772)
Refrigerant type/factory charge		kg (lbs)	R410A / 15.4 (34.0)
Liquid/Gas pipe		mm(inch)	Φ22.2/Φ31.8 (Φ7/8/Φ1-1/4)
Minimum Circuit Amps (MCA)		A	82.5
Recommended Fuse Size (MFA)		A	100.0

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)

