

VRF Atom B Outdoor Unit

MDV-V56WDHN1(AtB) – Heat Pump

1-phase, 220-240V, 50/60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MDV-V56WDHN1(AtB) Features:

- ◆ All flare connections, install in a flash
- ◆ 1 to 9 indoor units connection
- ◆ Long piping length
- ◆ Centralized control with other VRF system, convenient for unified management
- ◆ Wide operation range: cooling - -5°C to 55 °C; heating - -15°C to 27 °C

Specifications:

Model			MDV-V56WDHN1(AtB)
Cooling ¹	Capacity	kBtu/h	52
		kW	15.5
	Input	kW	4.87
	EER	kW/ kW	3.18
Heating ²	Capacity	kBtu/h	61
		kW	18
	Input	kW	4.82
	COP	kW/ kW	3.73
Connectable indoor unit	Total capacity		45~130% of outdoor unit capacity
	Quantity		1~9
Compressor	Type		DC inverter
	Quantity		1
Fan motor	Type		DC motor
	Quantity		1
Outdoor air flow		m ³ /h	5000
Sound pressure level ³		dB(A)	56
Net/Packed dimensions (W×H×D)		mm	950×840×440
Packed dimensions (W×H×D)		mm	1025×950×510
Net/Gross weight		kg	77.5/84.5
Refrigerant type/factory charge		kg	R410A/3.6
Liquid/Gas pipe		mm	Φ9.53/Φ19.1
Minimum Circuit Amps (MCA)		A	40
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. Indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

Dimensional Drawing:

Unit (mm)

