

VRF Atom B Outdoor Unit

MDV-V36WDHN1(AtB) – Heat Pump

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



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MDV-V36WDHN1(AtB) Features:

- ◆ All flare connections, install in a flash
- ◆ 1 to 6 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-V36WDHN1(AtB)	
Cooling ¹	Capacity	kBtu/h	34
		kW	10
	Input	kW	2.66
	EER	kW/ kW	3.76
Heating ²	Capacity	kBtu/h	41
		kW	12
	Input	kW	3.15
	COP	kW/ kW	3.81
Connectable indoor unit	Total capacity	45~130% of outdoor unit capacity	
	Quantity	1~6	
Compressor	Type	DC inverter	
	Quantity	1	
Fan motor	Type	DC motor	
	Quantity	1	
Outdoor air flow		m ³ /h	5200
Sound pressure level ³		dB(A)	54
Net/Packed dimensions (W×H×D)		mm	950×840×440
Packed dimensions (W×H×D)		mm	1025×950×510
Net/Gross weight		kg	59.5/66.5
Refrigerant type/factory charge		kg	R410A/2.3
Liquid/Gas pipe		mm	Φ9.53/Φ15.9
Minimum Circuit Amps (MCA)		A	28.75
Recommended Fuse Size (MFA)		A	32

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)

