

# VRF Atom B Outdoor Unit

MDV-V42WDHN1(AtB) – Heat Pump

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



## Submittal Data

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

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

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

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



### MDV-V42WDHN1(AtB) Features:

- ◆ All flare connections, install in a flash
- ◆ 1 to 7 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-V42WDHN1(AtB)	
Cooling <sup>1</sup>	Capacity	kBtu/h	41
		kW	12
	Input	kW	3.31
	EER	kW/ kW	3.63
Heating <sup>2</sup>	Capacity	kBtu/h	47
		kW	14
	Input	kW	3.64
	COP	kW/ kW	3.85
Connectable indoor unit	Total capacity	45~130% of outdoor unit capacity	
	Quantity	1~7	
Compressor	Type	DC inverter	
	Quantity	1	
Fan motor	Type	DC motor	
	Quantity	1	
Outdoor air flow		m <sup>3</sup> /h	5000
Sound pressure level <sup>3</sup>		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	63/70
Refrigerant type/factory charge		kg	R410A/2.4
Liquid/Gas pipe		mm	Φ9.53/Φ15.9
Minimum Circuit Amps (MCA)		A	35
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)

