

# VRF Atom Indoor Unit

MDV-D24Q1/VN1-D(At) - One-way Cassette

1-phase, 220-240V, 60Hz



## Submittal Data

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

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

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

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



### MDV-D24Q1/VN1-D(At) Features:

- ◆ 189 mm thickness
- ◆ 5-step swing louver
- ◆ 3-speed fan control
- ◆ Quiet operation
- ◆ Fresh air intake
- ◆ Built-in EXV
- ◆ High-lift drain pump with 750mm pump head

### Specifications:

Model		MDV-D24Q1/VN1-D(At)	
Cooling <sup>1</sup>	Capacity	kBtu/h	24
	Power input	W	75
Heating <sup>2</sup>	Capacity	kBtu/h	27
	Power input	W	75
Air flow rate <sup>3</sup>		m <sup>3</sup> /h	933/749/592
Sound pressure level <sup>4</sup>		dB(A)	44/41/37
Main body	Net dimensions <sup>5</sup> (W×H×D)	mm	1275×189×450
	Packed dimensions (W×H×D)	mm	1370×295×505
	Net/Gross weight	kg	19.5/23.8
Panel	Net dimensions (W×H×D)	mm	1350×25×505
	Packed dimensions (W×H×D)	mm	1410×95×560
	Net/Gross weight	kg	4/5.4
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9
	Drain pipe	mm	ODΦ25
Minimum Circuit Amps (MCA)		A	0.4
Recommended Fuse Size (MFA)		A	15

#### 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. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

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)

