

# VRF Atom Indoor Unit

MDV-D07Q4/VN1-A3(At) – Compact Four-way Cassette

1-phase, 220-240V, 60Hz



## Submittal Data

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

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

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

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



### MDV-D07Q4/VN1-A3(At) Features:

- ◆ 360° airflow allows for even, wide-range cooling and heating
- ◆ 5-step swing louver
- ◆ 3-speed fan control
- ◆ Quiet operation
- ◆ Fresh air intake
- ◆ Built-in EXV
- ◆ High-lift drain pump with 500mm pump head

### Specifications:

Model			MDV-D07Q4/VN1-A3(At)
Cooling <sup>1</sup>	Capacity	kBtu/h	7
	Power input	W	50
Heating <sup>2</sup>	Capacity	kBtu/h	8
	Power input	W	50
Air flow rate <sup>3</sup>		m <sup>3</sup> /h	397/292/215
Sound pressure level <sup>4</sup>		dB(A)	36/33/23
Main body	Net dimensions <sup>5</sup> (W×H×D)	mm	570×260×630
	Packed dimensions (W×H×D)	mm	675×285×675
	Net/Gross weight	kg	17.4/20.4
Panel	Net dimensions (W×H×D)	mm	647×50×647
	Packed dimensions (W×H×D)	mm	715×123×715
	Net/Gross weight	kg	2.5/4.5
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7
	Drain pipe	mm	ODΦ25
Minimum Circuit Amps (MCA)		A	0.2
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)

