

# VRF Atom Indoor Unit

MDV-D07Q1/VN1-D(At) - One-way Cassette

1-phase, 220-240V, 60Hz



## Submittal Data

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

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

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

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



### MDV-D07Q1/VN1-D(At) Features:

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

### Specifications:

Model		MDV-D07Q1/VN1-D(At)	
Cooling <sup>1</sup>	Capacity	kBtu/h	7
	Power input	W	41
Heating <sup>2</sup>	Capacity	kBtu/h	8
	Power input	W	41
Air flow rate <sup>3</sup>		m <sup>3</sup> /h	523/404/275
Sound pressure level <sup>4</sup>		dB(A)	37/34/30
Main body	Net dimensions <sup>5</sup> (W×H×D)	mm	1054×153×425
	Packed dimensions (W×H×D)	mm	1155×245×490
	Net/Gross weight	kg	12.5/16
Panel	Net dimensions (W×H×D)	mm	1180×25×465
	Packed dimensions (W×H×D)	mm	1232×107×517
	Net/Gross weight	kg	3.5/5.2
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.

**Dimensional Drawing:**

Unit (mm)

