

# VRF Atom Indoor Unit

MDV-D24Q4/VN1-E(At) - Four-way Cassette

1-phase, 220-240V, 60Hz



## Submittal Data

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

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

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

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



### MDV-D24Q4/VN1-E(At) Features:

- ◆ New design, round air flow path ensures uniform air flow and temperature distribution
- ◆ Individual louver control (customization option)
- ◆ 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-D24Q4/VN1-E(At)	
Cooling <sup>1</sup>	Capacity	kBtu/h	24
	Power input	W	105
Heating <sup>2</sup>	Capacity	kBtu/h	27
	Power input	W	105
Air flow rate <sup>3</sup>		m <sup>3</sup> /h	1235/1013/805
Sound pressure level <sup>4</sup>		dB(A)	43/37/31
Main body	Net dimensions <sup>5</sup> (W×H×D)	mm	840×230×840
	Packed dimensions (W×H×D)	mm	955×260×955
	Net/Gross weight	kg	23.7/28.9
Panel	Net dimensions (W×H×D)	mm	950×50×950
	Packed dimensions (W×H×D)	mm	1035×89×1035
	Net/Gross weight	kg	5.8/7.9
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9
	Drain pipe	mm	ODΦ32
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.

**Dimensional Drawing:**

Unit (mm)

