

# VRF Atom Indoor Unit

MDV-D28T2/VN1-DA5(At) – Medium Static Pressure Duct

1-phase, 220-240V, 60Hz



## Submittal Data

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

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

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

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



### MDV-D28T2/VN1-DA5(At) Features:

- ◆ 3-speed fan control
- ◆ Fresh air intake
- ◆ High-lift drain pump with 750mm pump head
- ◆ Built-in EXV
- ◆ Flexible installation for the air inlet may be positioned either on the underside or the rear of the unit

### Specifications:

Model		MDV-D28T2/VN1-DA5(At)	
Cooling <sup>1</sup>	Capacity	kBtu/h	27
	Power input	W	133
Heating <sup>2</sup>	Capacity	kBtu/h	30
	Power input	W	133
Air flow rate <sup>3</sup>		m <sup>3</sup> /h	1345/1165/1013
External static pressure		Pa	45/40/37
Sound pressure level <sup>4</sup>		dB(A)	20(10~50)
Net dimensions <sup>5</sup> (W×H×D)		mm	1230×270×775
Packed dimensions (W×H×D)		mm	1355×350×795
Net/Gross weight		kg	37.5/43
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9
	Drain pipe	mm	ODΦ25
Minimum Circuit Amps (MCA)		A	1
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)

