

VRF Atom Indoor Unit

MDV-D12Q1/VN1-D(At) - One-way Cassette

1-phase, 220-240V, 60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MDV-D12Q1/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-D12Q1/VN1-D(At)	
Cooling ¹	Capacity	kBtu/h	12
	Power input	W	41
Heating ²	Capacity	kBtu/h	13
	Power input	W	41
Air flow rate ³		m ³ /h	573/456/315
Sound pressure level ⁴		dB(A)	39/37/34
Main body	Net dimensions ⁵ (W×H×D)	mm	1054×153×425
	Packed dimensions (W×H×D)	mm	1155×245×490
	Net/Gross weight	kg	13/16.5
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	0.3
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)

