

VRF Atom Indoor Unit

MDV-D18Q1/VN1-D(At) - One-way Cassette

1-phase, 220-240V, 60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MDV-D18Q1/VN1-D(At) Features:

- ◆ 189 mm thickness
- ◆ 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-D18Q1/VN1-D(At)	
Cooling ¹	Capacity	kBtu/h	19
	Power input	W	60
Heating ²	Capacity	kBtu/h	21
	Power input	W	60
Air flow rate ³		m ³ /h	792/688/549
Sound pressure level ⁴		dB(A)	42/40/36
Main body	Net dimensions ⁵ (W×H×D)	mm	1275×189×450
	Packed dimensions (W×H×D)	mm	1370×295×505
	Net/Gross weight	kg	18.8/23.1
Panel	Net dimensions (W×H×D)	mm	1350×25×505
	Packed dimensions (W×H×D)	mm	1410×95×560
	Net/Gross weight	kg	4/5.4
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9
	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)

