

# VRF Atom Indoor Unit

MDV-D12T2/VN1-DA5(At) – Medium Static Pressure Duct

1-phase, 220-240V, 60Hz



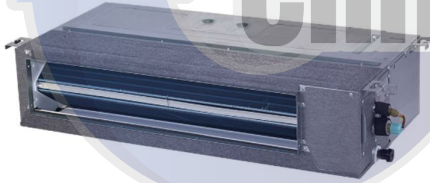
## Submittal Data

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

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

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

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



### MDV-D12T2/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:

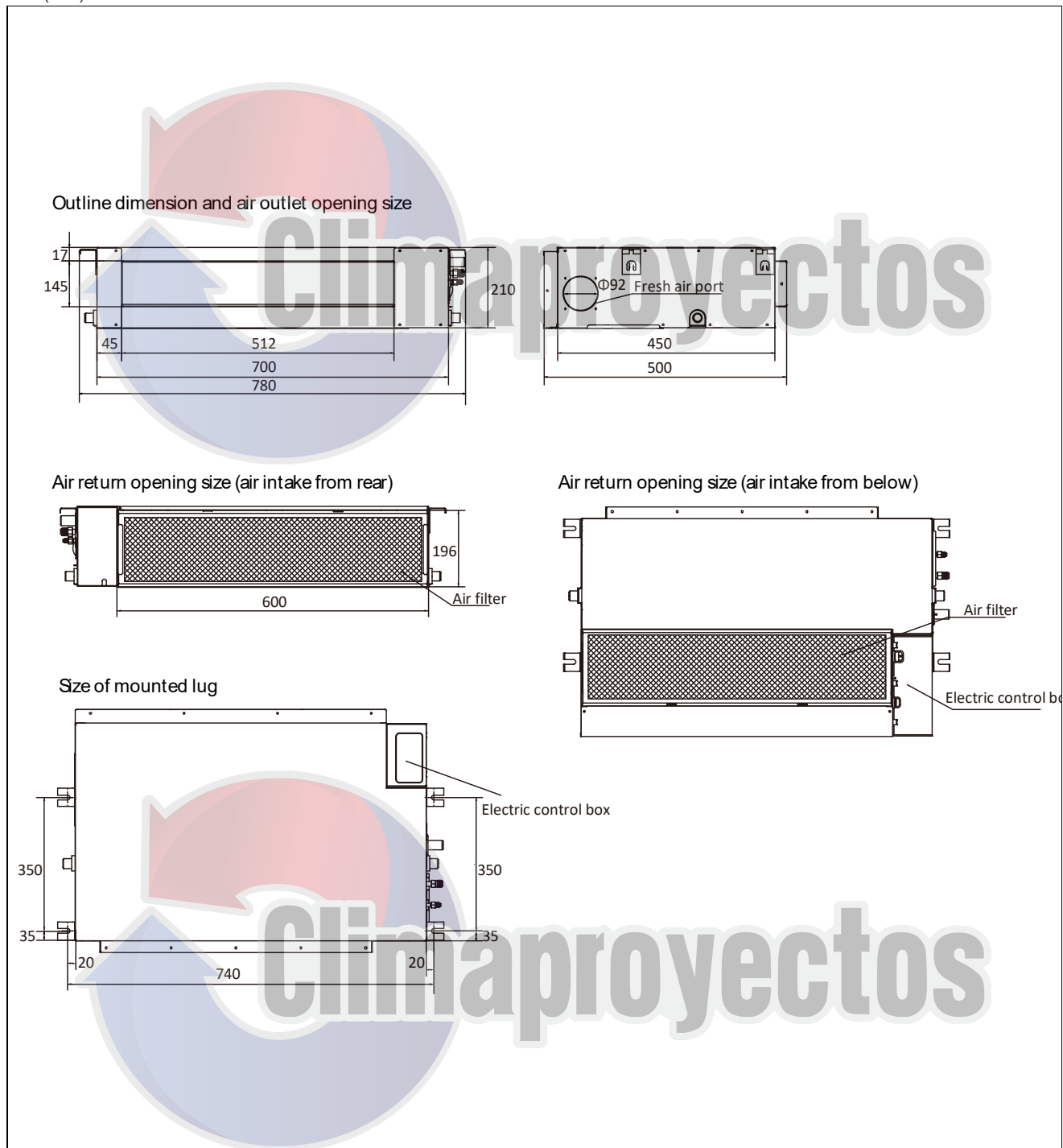
Model		MDV-D12T2/VN1-DA5(At)	
Cooling <sup>1</sup>	Capacity	kBtu/h	12
	Power input	W	77
Heating <sup>2</sup>	Capacity	kBtu/h	13
	Power input	W	77
Air flow rate <sup>3</sup>		m <sup>3</sup> /h	597/514/429
External static pressure		Pa	39/38/34
Sound pressure level <sup>4</sup>		dB(A)	10(10~30)
Net dimensions <sup>5</sup> (W×H×D)		mm	780×210×500
Packed dimensions (W×H×D)		mm	870×285×525
Net/Gross weight		kg	17.5/20
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:

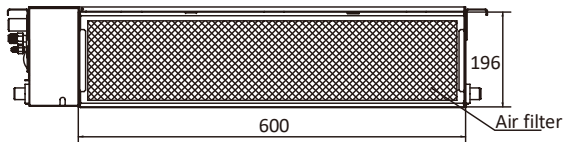
1. Indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Air flow rate are from the highest 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:

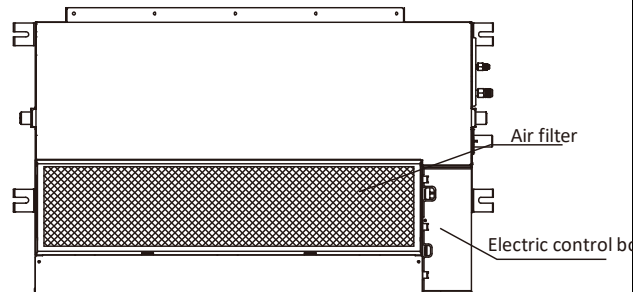
Unit (mm)



Air return opening size (air intake from rear)



Air return opening size (air intake from below)



Size of mounted lug

