

HP			4	4.5	5	6
Model MDV-			V105W/DVN1	V120W/DVN1	V140W/DVN1	V160W/DVN1
Power supply		V/Ph/Hz	208-230/1/60			
Cooling	Capacity	kW	10.5	12	14	15.5
		kBtu/h	35.8	40.9	47.8	52.9
	Power input	kW	2.68	3.25	3.95	4.52
	EER		3.92	3.69	3.54	3.43
Heating	Capacity	kW	11.5	13.2	15.4	17
		kBtu/h	39.2	45	52.5	58.02
	Power input	kW	2.9	3.47	4.16	4.77
	COP		3.97	3.8	3.7	3.56
Connectable indoor unit	Total capacity		45~130% of outdoor unit capacity			
	Max. quantity		5	6	6	7
Compressor	Type		Rotary			
	Quantity		1	1	1	1
Fan motor	Type		DC motor			
	Quantity		1	2	2	2
Refrigerant	Type		R410A			
	Factory charging	kg(lbs.)	3(6.6)	3.3(7.3)	3.9(8.6)	3.9(8.6)
Pipe connections	Liquid pipe	mm(in.)	Φ9.53(Φ3/8)	Φ9.53(Φ3/8)	Φ9.53(Φ3/8)	Φ9.53(Φ3/8)
	Gas pipe	mm(in.)	Φ15.9(Φ5/8)	Φ15.9(Φ5/8)	Φ15.9(Φ5/8)	Φ19.1(Φ3/4)
Air flow rate		m <sup>3</sup> /h	5100	6000	6000	6000
Sound pressure level		dB(A)	57	57	57	57
Net dimension (W×H×D)	mm		1075x966x396	900x1327x400	900x1327x400	900x1327x400
	inch		42-21/64 x38-1/32 x15-19/32	35-7/14x52-1/4x15-3/4	35-7/14x52-1/4x15-3/4	35-7/14x52-1/4x15-3/4
Packing size (W×H×D)	mm		1120x1100x435	1030x1456x435	1030x1456x435	1030x1456x435
	inch		44-3/32 x43-5/16 x17-1/8	40-9/16x57-5/16x17-1/8	40-9/16x57-5/16x17-1/8	40-9/16x57-5/16x17-1/8
Net weight		kg(lbs.)	78(171.9)	95(209.4)	95(209.4)	102(224.9)
Gross weight		kg(lbs.)	85(187.3)	106(233.7)	106(233.7)	113(249.1)
Operating temperature range		°C(°F)	Cooling -15~43°C (5~109.4°F) Heating -15~27°C(5~80.6°F)			

**Notes:**

Capacities are based on the following conditions:

Cooling: Indoor temperature 27oC(80.6oF) DB/19oC(66.2oF) WB; Outdoor temperature 35oC(95oF) DB/24oC(75.2oF) WB.

Heating: Indoor temperature 20oC(68oF) DB/15oC(59oF) WB; Outdoor temperature 7oC(44.6oF) DB/6oC(42.8oF) WB.

Piping length: Interconnecting piping length is 5m(16.4ft.), level difference is zero.

Sound values are measured in a semi-anechoic room, at a position 1m(3.28ft.) in front of the unit, 1m(3.28ft.) above the floor for 105model, and 1.2m(3.94ft.) above the floor for 120~160 models.