

Therm-Aire Mini VRF Series - 3-ph

			STA-120MV03	STA-140MV03	STA-160MV03	STA-180MV03
Power supply		V-Ph-Hz	380-415V-3~50	380-415V-3~51	380-415V-3~52	380-415V-3~53
Cooling	Capacity	kW	12.3	14	15.5	17.5
	Power Input	kW	2.3	2.8	3.2	3.7
Heating	Capacity	kW	13.2	15.4	17	19
	Power Input	kW	2.6	3.12	3.58	3.8
Connectable Indoor Unit	Total Capacity		45-130% of outdoor unit capacity			
	Max capacity		6	6	7	9
Compressor	Type		DC Inverter			
	Quantity		1			
Fan Motor	Type		DC			
	Quantity		2			
Refrigerant	Type		R407C			
	Factory charging	kg	3.3	3.9	3.9	4.5
Pipe connections	Liquid pipe	mm	Φ9.53			
	Gas pipe	mm	Φ15.9		Φ19.1	
Air Flow rate		m ³ /h	6000			6800
Sound Pressure level		dB(A)	54			56
Net dimensions (W x H x D)		mm	900x1327x400			
Packing Size (W x H x D)		mm	1090x1456x435			
Net wt		kg	95		102	107
Gross wt		kg	106		113	118
Operating Temperature range		°C	Cooling -15~43; Heating: -15-27			

Notes:

Cooling: Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB/24°C WB; Heating: Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB.

Piping length: Interconnecting piping length is 7.5m, level difference is zero.

Sound values are measured in a semi-anechoic room, at a position 1m in front of the unit and 1m above the floor.

In Mini VRF system, if only one indoor unit is connected, the capacity of indoor unit should be not more than outdoor unit's capacity. If more than one indoor unit are connected, the capacity of each indoor unit should be not more than 8kW for refrigerant uniform distribution.