

# Specifications

## VRF V4 Plus R Series - Heat Recovery



HP			8	10	12	14	16
Model MDV-			252(8)W/D2RN1T(C)	280(10)W/D2RN1T(C)	335(12)W/D2RN1T(C)	400(14)W/D2RN1T(C)	450(16)W/D2RN1T(C)
Power supply		V/Ph/Hz	380-415/3/50				
Cooling	Capacity	kW	25.2	28	33.5	40	45
	Power input	kW	5.73	6.67	8.07	11.3	13.24
	EER		4.4	4.2	4.15	3.54	3.4
	ESEER		7.53	7.43	7.4	6.68	6.38
Heating	Capacity	kW	27	31.5	37.5	45	50
	Power input	kW	6	7.33	8.72	11.19	12.79
	COP		4.5	4.3	4.3	4.02	3.91
Connectable indoor unit	Total capacity		50~ 30% of outdoor unit capacity				
	Max. quantity		13	16	20	23	26
Compressor	Type		DC inverter				
	Quantity		1	1	1	2	2
Fan motor	Type		DC motor				
	Quantity		2	2	2	2	2
	Static Pressure	Pa	20-40(customized)		0-20 (default)	20-40 (customized)	
Refrigerant	Type		R410A				
	Factory charging	kg	10	10	10	13	13
Pipe connections	Liquid pipe	mm	Φ9.53	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Low pressure gas pipe	mm	Φ22.2	Φ22.2	Φ25.4	Φ28.6	Φ28.6
	High pressure gas pipe	mm	Φ19.1	Φ19.1	Φ19.1	Φ22.2	Φ22.2
	High pressure gas balance pipe	mm	Φ19.1	Φ19.1	Φ19.1	Φ19.1	Φ19.1
	Oil balance pipe	mm	Φ6	Φ6	Φ6	Φ6	Φ6
Air flow rate	m <sup>3</sup> /h	12000	12000	13000	15000	15000	
Sound pressure level	dB(A)	57	57	58	60	60	
Sound power level	dB(A)	68	69	70	72	72	
Net dimension (WxHxD)	mm	1250×1615×765					
Packing size (WxHxD)	mm	1305×1790×820					
Net weight	kg	255	255	255	303	303	
Gross weight	kg	273	273	273	322	322	
Operating temperature range	°C	Cooling: -5~48; Heating: -20~24; Simultaneous Cooling and Heating: -5~24					

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