



VRF OUTDOOR UNIT **V10+R**



DC Inverter
compressor
and fans



Refrigerant
gas



Wide operating
range



Automatic
directionality



Evaporation
system



High efficiency
in heating and
cooling

MODELS			HP	8	10	12	
EAN CODE				8435483827561	8435483827578	8435483827585	
Power supply			V, P, Hz	380-415 (3 Phase~50Hz)			
PERFORMANCE							
Cooling ¹	Capacity	kW	22,4		28	33,5	
	Power input	kW	5,25		7,18	8,64	
	EER		4,27		3,9	3,88	
Heating ²	Capacity	kW	22,4		28	33,5	
	Power input	kW	3,96		5,46	5,1	
	COP		5,66		5,13	5,1	
FEATURES							
Connected indoor unit	Total capacity	-	50-200% of the capacity of the outdoor unit				
	Maximum quantity	-	64		64	64	
Fan	Type	-	Propeller				
	Motor type	-	DC				
	Quantity	-	1				
	Motor output	kW	0,92		0,92	0,92	
	Static pressure	Pa	0,20,40,60,80 (Selectable)				
	Airflow rate	m³/h	9000		9500	10000	
Refrigerant	Drive type	-	Direct				
	Type	-	R410A				
	Factory charge	kg	8		8	8	
Sound pressure level ⁴		dB(A)	58		58	60	
Sound power level ⁴		dB(A)	78		78	81	
Ambient temp. operation range	Cooling ⁵	°C	-15 ~ 52				
	Heating	°C	-25 ~ 19 / -25~27				
DIMENSIONS AND WEIGHT							
Net dimensions (W×H×D)		mm	990×1635×790		990×1635×790	990×1635×790	
Net weight		Kg	232		232	232	
CONNECTIONS							
Pipe connections ³	Liquid pipe	mm	Φ12,7		Φ12,7	Φ12,7	
	Gas pipe	High pressure	mm	Φ25,4		Φ25,4	Φ25,4
		Low pressure	mm	Φ19,1		Φ19,1	Φ19,1

Notes:

1-Indoor air temperature 27°C DB, 19°C WB; outside air temperature 35°C DB; 7.5m equivalent refrigerant piping length with zero level difference.

2-Indoor air temperature 20°C DB; outside air temperature 7°C DB, 6°C WB; 7.5m equivalent refrigerant piping length with zero level difference.

3. The diameters indicated are those of the unit shut-off valve.

4. The sound pressure level is measured at a position 1m in front of the unit and 1.3m above the ground in a semi-anechoic chamber.

5. -15°C to -5°C low temperature cooling operation is only available for MS01.



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		HP	14	16	18
MODELS			HTW-HRVO400FI28V10R	HTW-HRVO450FI32V10R	HTW-HRVO500FI36V10R
EAN CODE			8435483827592	8435483827608	8435483827615
Power supply		V, P, Hz	380-415 (3 Phase~50Hz)		
PERFORMANCE					
Cooling ¹	Capacity	kW	40	45	50
	Power input	kW	9,83	12	13,81
	EER		4,07	3,75	3,62
Heating ²	Capacity	kW	40	45	50
	Power input	kW	8,26	9,78	11,9
	COP		4,84	4,6	4,2
FEATURES					
Connected indoor unit	Total capacity	-	50-200% of the capacity of the outdoor unit		
	Maximum quantity	-	64	64	64
Fan	Type	-	Propeller		
	Motor type	-	DC		
	Quantity	-	1		
	Motor output	kW	0,92x2	0,92x2	0,92x2
	Static pressure	Pa	0,20,40,60,80 (Selectable)		
	Airflow rate	m³/h	14000	14900	15800
	Drive type	-	Direct		
Refrigerant	Type	-	R410A		
	Factory charge	kg	10	10	10
Sound pressure level ⁴		dB(A)	61	64	65
Sound power level ⁴		dB(A)	81	88	88
Ambient temp. operation range	Cooling ⁵	°C	-15 ~ 52		
	Heating	°C	-25 ~ 19 / -25~27		
DIMENSIONS AND WEIGHT					
Net dimensions (W×H×D)		mm	1340×1635×825	1340×1635×825	1340×1635×825
Net weight		Kg	300	300	300
CONNECTIONS					
Pipe connections ³	Liquid pipe	mm	Φ15,9	Φ15,9	Φ15,9
	Gas pipe	High pressure	Φ28,6	Φ28,6	Φ28,6
		Low pressure	Φ22,2	Φ22,2	Φ22,2

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