



VRF OUTDOOR UNIT V10



DC Inverter
compressor
and fans



Refrigerant
gas



Wide operating
range



Automatic
directionality



Evaporation
system



High efficiency
in heating and
cooling

		HP	8	10	12
MODELS			HTW-V0252FI13V10	HTW-V0280FI16V10	HTW-V0335FI20V10
EAN CODE			8435483824553	8435483824560	8435483824577
Power supply		V, P, Hz	380-415 (3 Phase~50Hz)		
PERFORMANCE					
Cooling ¹	Capacity	kW	25.2	28.0	33.5
	Power input	kW	5.3	6.3	8.7
	EER		4.75	4.45	3.85
Heating ²	Capacity	kW	25.2	28.0	33.5
	Power input	kW	4.6	5.2	6.6
	COP		5.50	5.40	5.10
FEATURES					
Connected indoor unit	Total capacity	-	50-130% of the capacity of the outdoor unit		
	Maximum quantity	-	64	16	64
Fan	Type	-	Propeller		
	Motor type	-	DC		
	Quantity	-	1		
	Motor output	kW	0.92	0.92	0.92
	Static pressure	Pa	0-20 (Default) 20-60 (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	-5 ~ 48		
	Heating	°C	-25 ~ 24		
DIMENSIONS AND WEIGHT					
Net dimensions (W×H×D)		mm	990×1635×790	990×1635×790	990×1635×790
Net weight		Kg	227	227	227
CONNECTIONS					
Pipe connections ³	Liquid pipe	Inch	1/2"	1/2"	5/8"
	Gas pipe	Inch	1"	1"	1 1/8"

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	20
MODELS			HTW-VO400FI23V10	HTW-VO450FI26V10	HTW-VO500FI29V10	HTW-VO560FI33V10
EAN CODE			8435483824584	8435483824591	8435483824607	8435483824614
Power supply		V, P, Hz	380-415 (3 Phase~50Hz)			
PERFORMANCE						
Cooling ¹	Capacity	kW	40.0	45.0	50.0	56.0
	Power input	kW	9.9	12.0	12.5	15.1
	EER		4.05	3.75	4.00	3.70
Heating ²	Capacity	kW	40.0	45.0	50.0	56.0
	Power input	kW	8.5	9.8	10.6	12.7
	COP		4.70	4.60	4.70	4.40
FEATURES						
Connected indoor unit	Total capacity	-	50-130% of the capacity of the outdoor unit			
	Maximum quantity	-	23	26	29	33
Fan	Type	-	Propeller			
	Motor type	-	DC			
	Quantity	-	1	1	2	2
	Motor output	kW	0,92	0,92	0.56×2	0.56×2
	Static pressure	Pa	0-20 (Default) 20-60 (Selectable)			
	Airflow rate	m³/h	14000	14900	15800	17000
Refrigerant	Drive type	-	Direct			
	Type	-	R410A			
	Factory charge	kg	13	13	17	17
Sound pressure level ⁴		dB(A)	62	65	65	66
Sound power level ⁴		dB(A)	85	88	88	88
Ambient temp. operation range	Cooling ⁵	°C	-5 ~ 48			
	Heating	°C	-25 ~ 24			
DIMENSIONS AND WEIGHT						
Net dimensions (W×H×D)		mm	1340×1635×850	1340×1635×850	1340×1635×825	1340×1635×825
Net weight		Kg	277	277	348	348
CONNECTIONS						
Pipe connections ³	Liquid pipe	Inch	5/8"	5/8"	3/4"	3/4"
	Gas pipe	Inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"

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.

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MODELS		HP	22	24	26
EAN CODE			HTW-V0615FI36V10	HTW-V0670FI39V10	HTW-V0730FI43V10
			8435483824621	8435483824638	8435483824645
Power supply		V, F, Hz	380-415 (3 Phase~50Hz)		
PERFORMANCE					
Cooling ¹	Capacity	kW	61.5	67.0	73.0
	Power input	kW	18.4	18.1	20.9
	EER		3.35	3.70	3.49
Heating ²	Capacity	kW	61.5	67.0	73.0
	Power input	kW	15.0	14.9	17.6
	COP		4.10	4.50	4.15
FEATURES					
Connected indoor unit	Total capacity	-	50-130% of the capacity of the outdoor unit		
	Maximum quantity	-	36	26	29
Fan	Type	-	Hélice		
	Motor type	-	DC		
	Quantity	-	2	1	2
	Motor output	kW	0.56X2	0.92X2	0.92X2
	Static pressure	Pa	0-20 (Default); 20-60 (Selectable)		
	Airflow rate	m³/h	17000	25000	25000
Refrigerant	Drive type	-	Direct		
	Type	-	R410A		
	Factory charge	kg	11	11	11
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	-5 ~ 48		
	Heating	°C	-25 ~ 24		
DIMENSIONS AND WEIGHT					
Net dimensions (W×H×D)		mm	1340×1635×825	1730×1830×850	1730×1830×850
Net weight		Kg	348	430	430
CONNECTIONS					
Pipe connections ³	Liquid pipe	Inch	3/8"	3/4"	7/8"
	Gas pipe	Inch	1 1/4"	1 1/4"	1 1/2"

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.

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		HP	28	30	32
MODELS			HTW-V0785FI46V10	HTW-V0850FI50V10	HTW-V0900FI53V10
EAN CODE			8435483824652	8435483824669	8435483824676
Power supply		V, F, Hz	380-415 (3 Phase~50Hz)		
PERFORMANCE					
Cooling ¹	Capacity	kW	78.5	85.0	90.0
	Power input	kW	24.2	27.4	31.0
	EER		3.25	3.10	2.90
Heating ²	Capacity	kW	78.5	85.0	90.0
	Power input	kW	20.7	23.0	25.7
	COP		3.80	3.70	3.50
FEATURES					
Connected indoor unit	Total capacity	-	50-130% of the capacity of the outdoor unit		
	Maximum quantity	-	33	36	53
Fan	Type	-	Hélice		
	Motor type	-	DC		
	Quantity	-	2		
	Motor output	kW	0.92×2	0.92×2	0.92×2
	Static pressure	Pa	0-20 (Default) 20-60 (Selectable)		
	Airflow rate	m³/h	25000	24000	24000
Refrigerant	Drive type	-	Direct		
	Type	-	R410A		
	Factory charge	kg	22	25	25
Sound pressure level ⁴		dB(A)	68	68	68
Sound power level ⁴		dB(A)	90	90	90
Ambient temp. operation range	Cooling ⁵	°C	-5 ~ 48		
	Heating	°C	-25 ~ 24		
DIMENSIONS AND WEIGHT					
Net dimensions (W×H×D)		mm	1730×1830×850	1730×1830×850	1730×1830×850
Net weight		Kg	430	475	475
CONNECTIONS					
Pipe connections ³	Liquid pipe	Inch	7/8"	7/8"	7/8"
	Gas pipe	Inch	1 1/2"	1 1/2"	1 1/2"

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.

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