

INDUSTRIAL RANGE

3 YEARS
WARRANTY
3 TOTAL
COMMITMENT TO QUALITY

20 CONNECTABLE
UNITS

33.5kW



VRF OUTDOOR UNIT MINI VRF V10/B

R-410A

DC
inverter



DC Inverter
compressor
and fan

Wide operating
range

High heating and
cooling efficiency

MODEL		HTW-V80WDN1V10		HTW-VED10ILMV10B		HTW-VED12ILMV10B		HTW-VED14ILMV10B		HTW-VED16ILMV10B	
EAN CODE		8435483835160		8435483859753		8435483859746		8435483859739		8435483859722	
Power supply		V, Ph, Hz		220-240 (1 Phase~50Hz)							
PERFORMANCE											
Refrigerant ¹	Capacity	kW	8	10	12	14	16				
		Btu	24600	30700	42000	47800	52900				
	Consumption	kW	2,18	2,90	4,54	5,28	6,03				
	EER	W/W	3,30	3,10	2,71	2,65	2,57				
Heating ²	Capacity	kW	7,2	9	14	16	17,50				
		Btu	24600	30700	47800	54600	59700				
	Consumption	kW	1,82	2,73	4,24	4,85	5,38				
	COP	W/W	3,95	3,30	3,30	3,30	3,25				
FEATURES											
Internal units connectable	Total capacity		45~130% of outdoor unit capacity								
	Max. quantity		4	6	7	8	9				
Compressor	Type		DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter				
	Quantity		1	1	1	1	1				
Fan	Type		DC	DC	DC	DC	DC				
	Quantity		1	1	1	1	1				
Air flow	m³/h		3700	4000	5000	5100	5000				
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A				
	Factory load		kg	2,2	2,60	3,20	3,10	3,60			
Sound pressure level³	dB(A)		54	54	56	56	56				
Operating range at room temperature	Refrigerant	°C	-5~55	-15~27	-15~27	-15~27	-15~27				
	Heating	°C	-15~27	-15~55	-15~55	-15~55	-15~55				
DIMENSIONS AND WEIGHT											
Net dimensions (WxHxD)		mm	982x712x440	910x712x345	950x840x360	950x840x360	950x840x360				
Net weight		kg	55	52,5	62,5	75	77,5				
CONNECTIONS											
Refrigerant piping⁴	Liquid	In.	3/8"	3/8"	3/8"	3/8"	3/8"				
	Gas	In.	5/8"	5/8"	5/8"	5/8"	3/4"				

Notes:

1-Indoor air temperature 27°C DB, 19°C WB; outdoor air temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference. 2-Indoor air temperature 20°C DB; outdoor air temperature 7°C DB, 6°C WB; equivalent refrigerant pipe length 7.5m with zero level difference. 3-Sound pressure levels are measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber. 4-The diameters given are those of the pipe connecting the outdoor unit combination to the first indoor branch junction for systems with total equivalent liquid pipe lengths of less than 90m. For systems with total equivalent liquid piping lengths of 90m or more, refer to Part 3 "System Design and Installation" for connecting pipe diameters.

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MODEL		HTW- V200WV2RN1V10		HTW- V224WVV2RN1V10		HTW- V260WVV2RN1V10		HTW- V280WVV2RN1V10		HTW- V335WVV2RN1V10	
EAN CODE		8435483835214		8435483835221		8435483835238		8435483835245		8435483835252	
Power supply		V, Ph,Hz		380-415 (3 Phase~50Hz)							
PERFORMANCE											
Refrigerant ¹	Capacity	kW	20	22	26	28	34				
		Btu	68200	76800	88700	97200	114300				
	Consumption	kW	4,90	6,83	9,63	12,28	14,38				
	SEER	W/W	7,11	6,83	6,55	6,35	6,42				
	EER	W/W	4,08	3,28	2,70	2,32	2,33				
Heating ²	Capacity	kW	20	22,4	26	28	33,5				
		Btu	68200	76800	88700	97200	114300				
	Consumption	kW	4,21	4,98	5,53	6,16	8,1				
	SCOP	W/W	3,95	4,26	4,53	4,56	3,96				
	COP	W/W	4,75	4,50	4,70	4,63	4,14				
FEATURES											
Internal units connectable	Total capacity	50~130% of the outdoor unit capacity									
	Max. quantity	11	13	15	16	20					
Compressor	Type	DC Inverter									
	Quantity	1	1	1	1	1					
Fan	Type	DC Motor									
	Quantity	2	2	2	2	2					
Air flow	m³/h	9000	9000	10000	11000	11300					
Refrigerant	Type	R410A									
	Factory load	kg	6,5	6,5	6,5	6,5	8				
Sound pressure level ³	dB(A)	58	58	59	60	61					
Operating range at room temperature	Refrigerant	°C	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48				
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24				
DIMENSIONS AND WEIGHT											
Net dimensions (WxHxD)	mm	1120x1558x528	1120x1558x528	1120x1558x528	1120x1558x528	1120x1558x528					
Net weight	kg	143	143	144	144	157					
CONNECTIONS											
Refrigerant piping ⁴	Liquid	In.	3/8"	3/8"	3/8"	3/8"	1/2"				
	Gas	In.	3/4"	3/4"	7/8"	7/8"	1"				

Notes:

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