



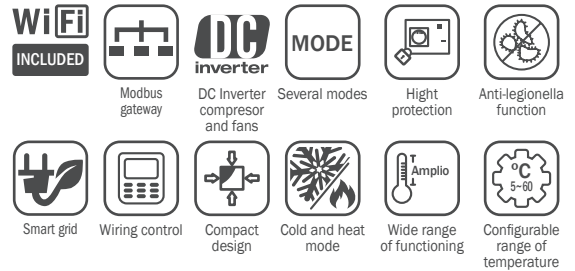
Data sheet

ECO THERMAL

NOTES:

Nominal capacity based on the following conditions:

1. Outside air temperature 7°C DB, 85% de H.R.; Water condensation inlet / outlet 30/35°C
2. Outside air temperature 7°C DB, 85% de H.R.; Water condensation inlet / outlet 40/45°C
3. Outside air temperature 35°C DB; Water condensation inlet / outlet 23/18°C
4. Outside air temperature 35°C DB; Water condensation inlet / outlet 12/7°C
5. Energy efficiency class tests of seasonal space heating in average weather conditions.
6. The sound power level is the maximum value tested in the two conditions of Note 2 and Note 4.



MODELS		HTW-V5WD2N8	HTW-V7WD2N8	HTW-V12WD2N8	HTW-V16WD2N8	HTW-V16WD2RN8
Power supply	V,F,Hz	220-240V (1 Phase ~ 50Hz)			380-415 (3 Phase ~ 50Hz)	
PERFORMANCE						
Heater 1	Capacity	kW	4,65	6,65	12,30	16,30
	Rated input	kW	0,93	1,35	2,56	3,66
	COP	-	5,00	4,94	4,81	4,45
Heater 2	Capacity	kW	4,80	6,70	12,40	16,20
	Rated input	kW	1,33	1,88	3,52	4,72
	COP	-	3,60	3,57	3,53	3,43
Refrigeration 3	Capacity	kW	4,60	6,45	12,20	15,50
	Rated input	kW	0,95	1,39	2,55	3,64
	EER	-	4,82	4,65	4,78	4,26
Refrigeration 4	Capacity	kW	4,85	6,30	12,90	13,80
	Rated input	kW	1,63	2,27	4,64	5,21
	EER	-	2,98	2,77	2,78	2,65
Heating efficiency	Water outlet 35°C	kW	A+++		A++	
	Water outlet 55°C	kW	A++		A++	
Ambient temperature range (Heat pump)	Refrigeration	°C	-5 ~ 43		-5 ~ 46	
	Heater	°C			-25 ~ 35	
Water outlet temperature range	DHW	°C			-25 ~ 43	
	Refrigeration	°C			5 ~ 25	
	Heater	°C			25 ~ 60	
	DHW	°C			40 ~ 60	
CHARACTERISTICS						
Compressor	Type			Twin-rotary DC inverter		
Fan	Engine type			Brushless DC motor		
Heat exchanger (air-water)	Air flow	m³/h	3.050	6.150		
Water pump height		m.c.a.	6,0	7,5		
Expansion tank		L	2,0	5		
Refrigerant	Type			R32		
	Charged	kg	2,0	2,8		
Regulator type				Electronic expansion valve		
Electrical resistance of support	Standard	kW			-	
	Optional	kW			3	
	Stages (capacity)				1	
Sound pressure	Power supply	V/F/Hz	220-240/1/50			380-415/3/50
	Heater	dB(A)	61	64	68	71
DIMENSIOES AND WEIGHT						
Net dimensions (An×Al×Pr)	mm	1.210×945×402			1.404×1.414×405	
Gross dimensions (An×Al×Pr)	mm	1.500×1.140×450			1.475×1.580×440	
Net / gross weight	Kg	92/111		158/178	172/193	
CONNECTIONS						
Water pipe connections	in.	1" H BSP			1 - 1/4" H BSP	
Security valve	MPa	0,3		0,3		
Total water volume	L	2		3,2		
EAN CODE		8435483818033	8435483818026	8435483818040	8435483818057	8435483818064