

HPWH RANGE



POOL PUMP NEO



Compressor and fan DC Inverter

Wide operating range -5 / 43

Titanium exchanger

Compact design

24h Programation

Wired control

MODELS			HTW-BP07MDA	HTW-BP09MDA	HTW-BP14MDA	HTW-BP17MDA	HTW-BP21MDA
EAN CODE			8435483851504	8435483851528	8435483851542	8435483851566	8435483851580
Power Supply		V,F,Hz	220~240V (1 Phase ~ 50Hz)				
PERFORMANCE							
Heating capacity(1)	Total power	kW	1.2~4.8	1.55~6.50	2.72~10.12	3.32~12.35	3.57~14.92
	Absorbed power	kW	0.17~1.06	0.22~1.46	0.40~2.29	0.50~2.83	0.53~3.27
	COP		4.50~7.21	4.45~7.12	4.41~6.84	4.37~6.70	4.59~6.77
Heating capacity(2)	Total power	kW	1.5~6.9	1.84~8.92	3.23~13.60	4.09~16.53	4.56~20.54
	Absorbed power	kW	0.12~1.22	0.14~1.58	0.25~2.45	0.31~3.06	0.35~3.52
	COP		5.65~13.55	5.63~13.27	5.54~13.16	5.4~13.05	5.72~13.10
Cooling capacity(3)	Total power	kW	1.6~3.6	1.75~4.46	3.04~7.48	3.71~9.12	4.09~10.35
	Absorbed power	kW	0.24~0.88	0.26~1.10	0.46~1.88	0.56~2.39	0.61~2.63
	EER		4.08~6.73	4.05~6.78	3.97~6.68	3.82~6.66	3.94~6.73
Recommended pool volume	m ³		15~30	20~40	30~60	40~70	60~90
FEATURES							
Fan speed	rpm				400~1000		
Maximum consumption	kW		1,44	1,80	2,94	3,67	4,22
Maximum intensity	A		6,32	7,83	12,78	15,96	18,35
Compressor type					DC Rotary inverter		
Type of gas					R32		
Gas loading	Kg		0,30	0,40	0,55	0,60	0,70
Electrical protection rating					IPX4		
Water flow	m3/h		2~4	3~5	5~7	6~8	7~9
Pressure drop	bar		0,16	0,17	0,18	0,19	0,20
Water connections	Input / output	"	1½	1½	1½	1½	1½
Sound pressure	1 metre away	dB(A)	34.3~42.1	35.1~43.2	36.2~44.3	37.1~45.4	38.3~48.7
	4 metres away	dB(A)	26.4~34.8	26.4~35.3	28.8~37.1	29.2~39.6	30.3~40.2
	10 metres away	dB(A)	18.1~26.2	18.5~27.8	20.8~28.6	22.0~30.7	23.2~32.2
OPERATING TEMPERATURE LIMIT RANGE							
Temperature range	Min. / Max.	° C	-5~43				
DIMENSIONS AND WEIGHT							
Net dimensions	L x W x H	mm	710*333*515	710*333*515	862*365*660	862*365*660	990*395*660
Gross dimensions	L x W x H	mm	810*360*645	810*360*645	950*385*785	950*385*785	1075*410*785
Net weight	Kg		30	35	40	45	52
Gross weight	Kg		36	41	46	52	60

* depends on model and conditions

(1) Air at 15°C / water at 26°C; humidity 70%.

(2) Air at 26°C / water at 26°C; humidity 80%.

(3) Air at 35°C / water at 28°C; humidity 80%.