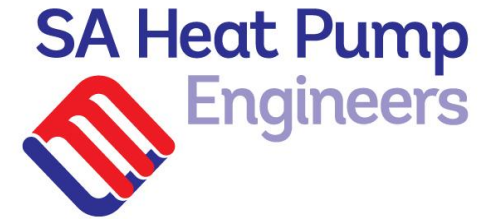


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heating up... sustainably

**BWHE – ECONO RANGE AIR TO WATER HEAT PUMPS – NOMINAL CONDITIONS**

SIZE			BWHE 2	BWHE 4	BWHE 6	BWHE 7	BWHE 8	BWHE 9	BWHE 10
<b>General</b>	Heating capacity	Kw	15	27	46	54	92	108	216
	Power input	Kw	3.4	5.9	10.5	12.9	21	25.8	51.6
	Power regulation stages	%	0-100%	0-100%	0-100%	0-100%	0-50-100%	0-50-100%	0-25-50-100%
<b>Compressor</b>	Nr.		1	1	1	1	2	2	4
	Type		SCROLL						
	Oil		P.O.E.						
	Oil volume	L	1.7	1.7	3.5	3.5	7	7	14
<b>Fan</b>	Type		AXIAL						
	Nr.		1	1	1	2	2	2	4
	Power input	Kw	0.22	0.48	0.67	1.05	1.7	2.1	4.2
	Current	A	0.55	1.10	2.06	2.34	4	4.68	8.775
	Air flow	m <sup>3</sup> /H	3500	6000	10000	12000	20000	24000	48000
<b>Evaporator</b>	Type		Fin-coil heat exchanger						
	Material		AL/CU						
<b>Condenser</b>	Type		PHE						
	Water flow	m <sup>3</sup> /h	2.59	4.66	7.93	9.31	15.86	18.62	37.24
	Inlet/outlet nozzle	DN	25	40	50	50	80	80	80
	Water side maximum pressure	MPa	1						
	Refrigerant side maximum pressure	MPa	3						
<b>Refrigerant</b>	Water resistance	KPa	23	28	24	26	26	28	30
	Nr. of circuits		1	1	1	1	2	2	4
	Type		R407c						
<b>Power supply</b>	In charge	Kg	3.5	5	8	10	16	20	40
<b>Weight</b>			380V/3P/50Hz						
<b>Noise level</b>		Kg	116	186	320	330	670	720	1440
<b>Dimension</b>		dB(A)	55	56	58	58	59	59	62
	L	mm	680	808	1445	1445	1975	1975	1975
	W	mm	660	724	724	840	970	970	2185
	H	mm	970	1174	1174	1625	1550	1550	1550
Rated condition: Heating capacity is based on entering water temperature 45°C; leaving hot water temperature 50°C, and outdoor ambient temperature 25 ° C.									