

# aquamatic unit heaters



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- 10 models - outputs from 9kW to 109kW
- Dual speed motors (1400-900 rpm) on models 1-6
- Suitable for 1ph and 3ph applications
- Suitable for horizontal and vertical installations
- Mounting heights up to 12m
- Suitable for use with LTHW, MTHW and Steam



# Water Units

**Duties - Based on LPHW of 80°C Flow, 60°C Return E.A.T. 15°C**

Size	No. of Rows	Model Ref	Motor Speed (RPM)	Output kW	Air Volume m <sup>3</sup> /sec	Noise Level db(a)	Horizontal Discharge		Vertical Discharge	
							Height (m)	Throw (m)	Max Height (m)	Cover m <sup>2</sup>
1	3	P-CS1	1400	12	0.40	56	2.5 - 3.5	8.0	4.0	50
			900	9	0.26	48	2.5 - 3.0	5.5	3.0	36
2	3	P-CS2	1400	16	0.58	59	3.0- 4.0	11	4.5	60
			900	12	0.38					
3	3	P-CS3	1400	25	0.89	61	3.0 - 4.0	14	5.0	70
			900	19	0.58					
4	3	P-CS4	1400	32	1.05	66	3.5 - 4.5	16	5.5	80
			900	24	0.72					
5	3	P-CS5	1400	43	1.53	66	4.0 - 5.0	20	6.0	100
			900	32	0.97					
6	3	P-CS6	1400	55	1.94	69	4.5 - 5.0	25	7.0	130
			900	43	1.26					
7	2	P-B67	900	41	1.50	65	4.0 - 5.0	24	7.0	120
		P-B87	700	34	1.14	61	3.5 - 4.0	18	6.0	100
	3	P-C67	900	49	1.44	65	4.0 - 5.0	24	7.0	120
		P-C87	700	40	1.05	61	3.5 - 4.0	18	6.0	100
8	2	P-B68	900	58	2.11	67	4.5 - 5.0	26	9.0	160
		P-B88	700	48	1.53	61	3.5 - 4.5	20	7.0	130
	3	P-C68	900	69	1.94	67	4.5 - 5.0	26	9.0	160
		P-C88	700	55	1.39	61	3.5 - 4.5	20	7.0	130
9	2	P-B69	900	75	2.78	68	4.0 - 6.0	28	11.0	200
		P-B89	700	62	2.08	62	3.5 - 5.0	21	8.0	150
	3	P-C69	900	91	2.64	68	4.0 - 6.0	28	11.0	200
		P-C89	700	70	1.94	62	3.5 - 5.0	21	8.0	150
10	2	P-B610	900	90	3.30	71	4.0 - 6.0	30	12.0	220
		P-B810	700	73	2.44	65	4.0 - 5.0	22	9.0	160
	3	P-C610	900	109	3.30	74	4.0 - 6.0	30	12.0	220
		P-C810	700	90	2.36	65	4.0 - 5.0	22	9.0	160

**AUH Casing** Manufactured from 1mm galvanised pre-painted steel finished in dove grey. Moulded corner sections are fitted to provide a robust box section and pleasing aesthetic design. Fully adjustable louvres are held firm by spring loaded pivots that provide fine adjustment to individual unit airflow.

**Fan Motor Assembly** The fan motor assembly is mounted on the unit via anti-vibration rubber mountings. A finger proof guard protects the impellor. The motor is supplied as a standard for three phase however, a suitable capacitor is provided to convert to 240 volts if required. All motors are insulated to IP44 class B standard. 2 speed motors are standard on models 1-6.

**Heat Exchanger** The heat exchanger is produced with ø22mm steel tubes, 1mm wall thickness and aluminium fins ensuring reliability and long life expectancy. All heat exchangers are tested to 24 bar.

Heat exchangers are designed to work with hot water to 16 bar and steam up to 10 bar.

**Accessories** Wall brackets and 4-way vertical diffusers are available for each size of unit heater.

Notes:  
Noise levels measured at a distance of 5m

# Steam Units

Duties - Based on Steam @ 1 bar E.A.T. 15°C

Size	No. of Rows	Model Ref	Motor Speed (RPM)	Output kW	Air Volume m <sup>3</sup> /sec	Noise Level db(a)	Horizontal Discharge		Vertical Discharge	
							Height (m)	Throw (m)	Max Height (m)	Cover m <sup>2</sup>
1	1	P-AS1	1400	12	0.46	56	2.5 - 3.5	8	4	50
				10	0.32	48	2.5 - 3.0	5.5	3	36
2	1	P-AS2	1400	17	0.66	59	3.0 - 4.0	11	4.5	60
				13	0.43	51	2.5 - 3.5	10	4	50
3	1	P-AS3	1400	24	0.94	61	3.0 - 4.0	14	5	70
				19	0.62	52	2.5 - 3.5	10	4	50
4	1	P-AS4	1400	32	1.18	64	3.5 - 4.5	16	5.5	80
				25	0.81	54	3.0 - 4.0	12	4.5	60
5	1	P-AS5	1400	42	1.55	66	4.0 - 5.0	20	6	100
				32	1.01	56	3.5 - 4.5	15	5	75
6	1	P-AS6	1400	52	1.55	69	4.5 - 5.0	25	7	130
				40	1.33	60	4.0 - 5.0	18	6	110
7	1	P-A67	1400	45	1.61	65	4.0 - 5.0	24	7	120
		P-A87		900	38	1.22	60	3.5 - 4.0	18	6
8	1	P-A68	1400	66	2.36	65	4.0 - 5.5	26	9	160
		P-A88		900	56	1.67	61	3.5 - 4.5	20	7
9	1	P-A69	1400	82	2.95	68	4.0 - 6.0	28	11	200
		P-A89		900	70	2.22	62	3.5 - 5.0	21	8
10	1	P-A610	1400	102	3.47	71	4.0 - 6.0	30	12	220
		P-A810		900	88	2.64	65	4.0 - 5.0	22	9

Notes:  
Noise levels measured at a distance of 5m

## Dimensions

Size	Height	Width	Depth	Battery Connection	Weight (Kgs)			Water Content (Itrs)	
					1 Row	2 Row	3 Row	2 Row	3 Row
1	472	472	465	1¼"	19	22	24	2.6	3.9
2	526	526			22	25	27	3.2	4.8
3	580	580			26	30	33	3.8	5.7
4	634	634	488		30	34	38	4.6	6.9
5	688	688			33	40	44	6.0	9.0
6	742	742			513	38	46	51	7.0
7	793	793	560	1½"	46	55	61	8.2	12.3
8	900	900	575		55	66	73	11.1	16.6
9	1010	1010	595		65	79	88	14.5	21.8
10	1117	1117	640	2"	79	95	106	18.2	27.3

# Powrmatic Profile



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**Hort Bridge  
Ilminster  
Somerset  
TA19 9PS  
United Kingdom  
Tel: +44(0) 1460 53535  
Fax: +44(0) 1460 52341  
web: [www.powrmatic.co.uk](http://www.powrmatic.co.uk)  
e-mail: [info@powrmatic.co.uk](mailto:info@powrmatic.co.uk)**

**45 Broomhill Close  
Tallaght  
Dublin 24  
Rep. of Ireland  
Tel: +353(1) 452 1533  
Fax: +353(1) 452 1764  
web: [www.powrmatic.ie](http://www.powrmatic.ie)  
e-mail: [info@powrmatic.ie](mailto:info@powrmatic.ie)**

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