

AUH Aquamatic Unit Heater Range

Controlling your working environment

HEATING • VENTILATION • INTEGRITY



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Water Units

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

Size	No. of Rows	Model Reference	Motor Speed (rpm)	Output kW	Air Volume m ³ /sec	Noise Level db(a)	Horizontal Discharge		Vertical Discharge	
							Height (m)	Throw (m)	Max Height (m)	Cover m ²
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	54		12	4.5	60
4	3	P-CS4	1400	32	1.05	66	3.5 - 4.5	16	5.5	80
			900	24	0.72	54	3.0 - 4.0	12	4.5	60
5	3	P-CS5	1400	43	1.53	66	4.0 - 5.0	20	6.0	100
			900	32	0.97	60	3.5 - 4.5	15	5.0	75
6	3	P-CS6	1400	55	1.94	69	4.5 - 5.0	25	7.0	130
			900	43	1.26	60	4.0 - 5.0	18	6.0	110
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

Notes:
Noise levels measured at a distance of 5m

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 operation. For sizes 1-6 however, a suitable capacitor is provided to convert to 240 volts if required. Sizes 7 and 8 require a separate capacitor to convert to single phase. Sizes 9 and 10 are supplied in 3ph only, and cannot be converted to single phase. 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.

Steam Units

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

Size	No. of Rows	Model Reference	Motor Speed (rpm)	Output kW	Air Volume m ³ /sec	Noise Level db(a)	Horizontal Discharge		Vertical Discharge	
							Height (m)	Throw (m)	Max Height (m)	Cover m ²
1	1	P-AS1	1400	12	0.46	56	2.5 - 3.5	8	4	50
			900	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
			900	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
			900	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
			900	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
			900	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
			900	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	100
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	130
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	150
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	160

Notes:
Noise levels measured at a distance of 5m

Dimensions

Size	Height mm	Width mm	Depth mm	Battery Connection	Weight (kgs)			Water Content (ltr)	
					1 Row	2 Row	3 Row	2 Row	3 Row
1	472	472	465	1 1/4"	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	1 1/2"	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



Purpose built manufacturing and design facility in the heart of Somerset



- Ventilation Equipment
- Powered Roof Extract
- Glass Louvred Ventilator
- Twin Flap Natural Ventilator

- Radiant Plaque and Tube Heaters
- Cabinet Heaters
- Gas Unit Heaters
- Heat Recovery Fans
- Flue and Chimney systems to suit

Whatever your heating and ventilation requirements, Powrmatic can provide a total solution from a single source.

Our experienced sales engineers provide expert advice on all aspects of design and application, with after sales service and spares availability guaranteed by our network of regional service engineers and spares stockists strategically located throughout the UK and Ireland.

Powrmatic offers customers the most comprehensive range of heating and ventilation solutions available in Europe. Contact us using the details below for more information, or to arrange a site survey and no-obligation quotation.

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