APOLLO roma bespoke technical specification

2 COLUMN ROMA BESPOKE WEIGHTS AND VOLUMES (per section)											
Model height mm	300	400	500	600	750	900	1000	1500	1800	2000	2200
Dry weight (A) Kg	0.47	0.62	0.76	0.91	1.13	1.34	1.49	2.21	2.65	2.94	3.24
Water content (B) Litres	0.42	0.49	0.57	0.65	0.77	0.89	0.97	1.37	1.61	1.77	1.93
Working weight (A+B) Kg	0.89	1.11	1.33	1.56	1.90	2.23	2.46	3.58	4.26	4.71	5.17
Outputs: Watts ΔT=50k	23	30	37	44	54	65	72	107	129	144	159

3 COLUMN ROMA BESPOKE WEIGHTS AND VOLUMES (per section)											
Model height mm	300	400	500	600	750	900	1000	1500	1800	2000	2200
Dry weight (A) Kg	0.85	1.08	1.29	1.51	1.83	2.16	2.38	3.47	4.13	4.56	5.00
Water content (B) Litres	0.60	0.72	0.83	0.95	1.13	1.31	1.43	2.03	2.39	2.62	2.86
Working weight (A+B) Kg	1.45	1.80	2.12	2.46	2.96	3.47	3.81	5.50	6.52	7.18	7.86
Outputs: Watts ΔT=50k	32	42	51	61	75	89	99	147	176	197	217

4 COLUMN ROMA BESPOKE WEIGHTS AND VOLUMES (per section)											
Model height mm	300	400	500	600	750	900	1000	1500	1800	2000	2200
Dry weight (A) Kg	0.94	1.24	1.52	1.81	2.26	2.69	2.98	4.44	5.31	5.88	6.47
Water content (B) Litres	0.78	0.93	1.09	1.25	1.49	1.73	1.89	2.68	3.16	3.48	3.80
Working weight (A+B) Kg	1.72	2.17	2.61	3.06	3.75	4.42	4.87	7.12	8.47	9.36	10.27
Outputs: Watts ΔT=50k	43	56	69	82	101	120	133	196	234	260	285

5 COLUMN ROMA BESPOKE WEIGHTS AND VOLUMES (per section)											
Model height mm	300	400	500	600	750	900	1000	1500	1800	2000	2200
Dry weight (A) Kg	1.20	1.57	1.93	2.30	2.84	3.38	3.75	5.57	6.65	7.38	8.11
Water content (B) Litres	0.97	1.17	1.63	1.56	1.86	2.16	2.36	3.35	3.95	4.35	4.74
Working weight (A+B) Kg	2.17	2.74	3.56	3.86	4.70	5.54	6.11	8.92	10.60	11.73	12.85
Outputs: Watts ΔT=50k	52	67	83	98	120	143	158	232	277	307	337

6 COLUMN ROMA BESPOKE WEIGHTS AND VOLUMES (per section)											
Model height mm	300	400	500	600	750	900	1000	1500	1800	2000	2200
Dry weight (A) Kg	1.60	2.04	2.47	2.91	3.57	4.21	4.65	6.84	8.14	9.01	9.88
Water content (B) Litres	1.16	1.39	1.63	1.87	2.23	2.59	2.83	4.02	4.73	5.21	5.68
Working weight (A+B) Kg	2.76	3.43	4.10	4.78	5.80	6.80	7.48	10.86	12.87	14.22	15.56
Outputs: Watts ΔT=50k	62	82	101	119	147	175	193	282	334	369	403

ADDITIONAL INFORMATION	
Material	Steel
Steel tube diameter	25mm
Steel thickness	1.25mm
Maximum working pressure	10 bar/1000 kPa
Testing pressure	13 bar/1300 kPa
Maximum working temperature	95°C

The thermal outputs expressed at ΔT=50k comply with European regulation EN 442-2
Allowance for valves is required

TEMPERATURE			
FACTORS FOR DIFFERENCES BETWEEN MEAN WATER TEMPERATURE AND ROOM TEMPERATURE IN °C AND °F OTHER THAN 50 °C (90 °F)			
5 °C	0.050		
10 °C	0.123	10 °F	0.057
15 °C	0.209	20 °F	0.142
20 °C	0.304	30 °F	0.240
25 °C	0.406	40 °F	0.348
30 °C	0.515	50 °F	0.466
35 °C	0.629	60 °F	0.590
40 °C	0.748	70 °F	0.721
45 °C	0.872	80 °F	0.858
50 °C	1.000	90 °F	1.000
55 °C	1.132	100 °F	1.147
60 °C	1.267	110 °F	1.298
65 °C	1.406	120 °F	1.454
70 °C	1.549	130 °F	1.613
75 °C	1.694	140 °F	1.776
TO APPLY THE FACTORS SHOWN IN THE TABLE TO OUR QUOTED OUTPUTS. MULTIPLY THE QUOTED OUTPUT BY THE CHOSEN OPERATING FACTOR TO GIVE THE OUTPUT			