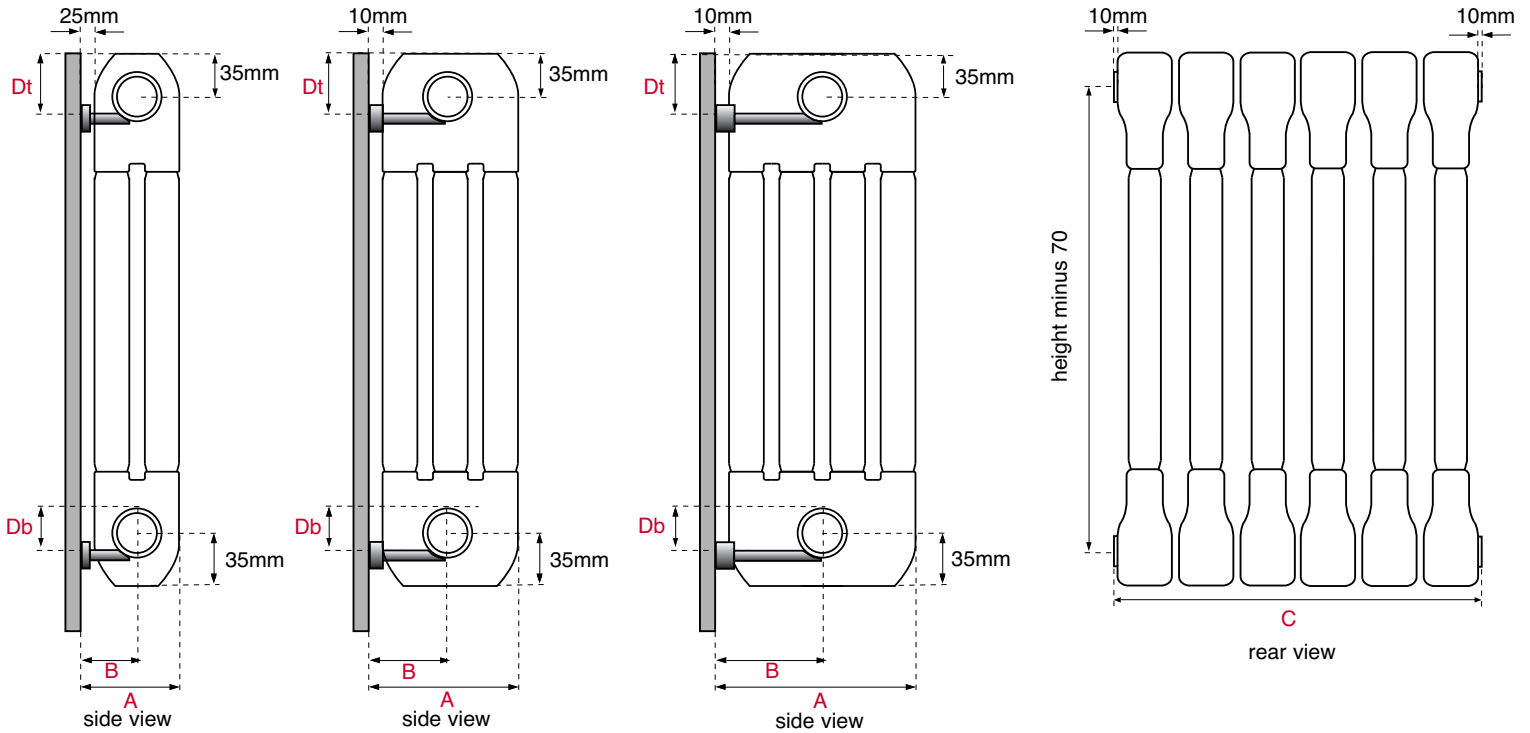


APOLLO monza horizontal technical specification



MONZA HORIZONTAL DIMENSIONS (mm)

MODEL			2 COLUMN	3 COLUMN	4 COLUMN
Width of radiator				(No. of sections x 46) + 20	
Section depth			70	100	140
Section width (panel + space)			46	46	46
Wall to front of rad		(A)	95	110	150
Wall to pipe centres	Side entry	(B)	60	60	80
	Bottom entry		N/A	N/A	N/A
Tapping centres	Side entry	(C)		Width of rad + 20mm	
	Bottom entry		N/A	N/A	N/A
Pipe centres	Side entry			Width plus valves	
	Bottom entry		N/A	N/A	N/A
Bracket positions	Top	(Dt)	55	55	55
	Bottom	(Db)	40	40	40
Tappings			1/2"	1/2"	1/2"

2 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section)

Model height mm	420	570	670
Dry weight (A) Kg	0.50	0.75	0.92
Water content (B) Litres	0.27	0.38	0.46
Working weight (A+B) Kg	0.77	1.13	1.38
Outputs: Watts $\Delta T=50k$	39	50	57

The thermal outputs expressed at $\Delta T=50k$ comply with European regulation EN 442-2

3 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section)

Model height mm	420	570	670
Dry weight (A) Kg	0.75	0.92	1
Water content (B) Litres	0.40	0.57	0.68
Working weight (A+B) Kg	1.15	1.49	1.68
Outputs: Watts $\Delta T=50k$	52	66	75

The thermal outputs expressed at $\Delta T=50k$ comply with European regulation EN 442-2

4 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section)

Model height mm	420	570	670
Dry weight (A) Kg	0.92	1.17	1.25
Water content (B) Litres	0.53	0.76	0.91
Working weight (A+B) Kg	1.45	1.93	2.16
Outputs: Watts $\Delta T=50k$	66	84	96

The thermal outputs expressed at $\Delta T=50k$ comply with European regulation EN 442-2

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 °F	0.057
10 °C	0.123	20 °F	0.142
15 °C	0.209	30 °F	0.240
20 °C	0.304	40 °F	0.348
25 °C	0.406	50 °F	0.466
30 °C	0.515	60 °F	0.590
35 °C	0.629	70 °F	0.721
40 °C	0.748	80 °F	0.858
45 °C	0.872	90 °F	1.000
50 °C	1.000	100 °F	1.147
55 °C	1.132	110 °F	1.298
60 °C	1.267	120 °F	1.454
65 °C	1.406	130 °F	1.613
70 °C	1.549	140 °F	1.776
75 °C	1.694		

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

ADDITIONAL INFORMATION

Material	Aluminium alloy 3005
Alloy thickness	1.2mm
Maximum working pressure	30 bar/30,000 kPa
Mechanical strength test pressure	52 bar
Maximum working temperature	95°C