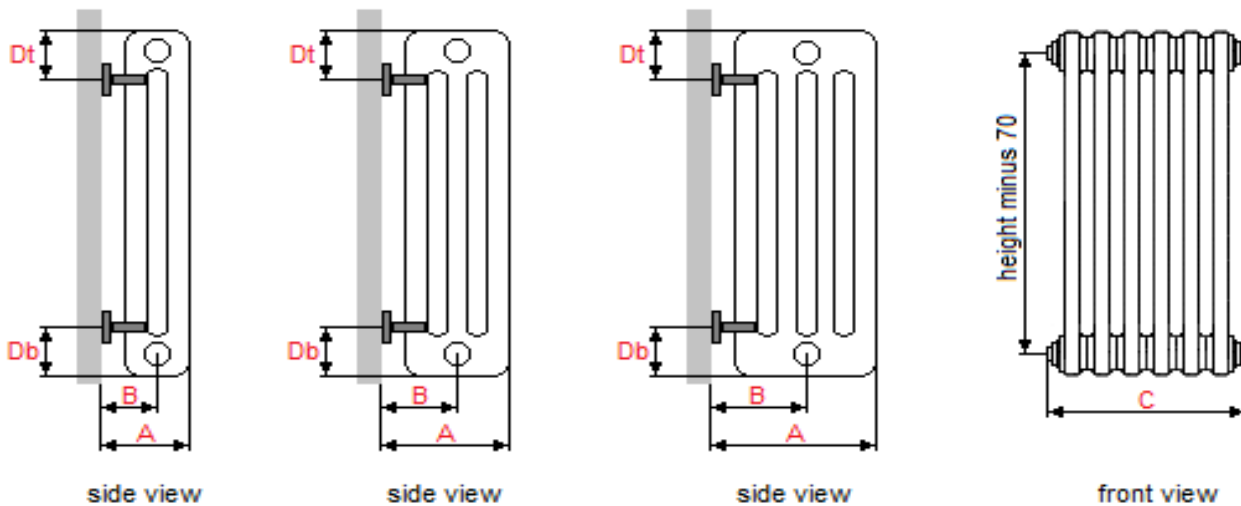


APOLLO roma horizontal technical specification



ROMA HORIZONTAL DIMENSIONS (mm)					
MODEL (COLUMNS)			2 COLUMN	3 COLUMN	4 COLUMN
Width of radiator			(No. of sections x 46) + 30		
Section depth			66	107	148
Section width (tube + space)			46	46	46
Back wall to front of rad		(A)	96	137	178
Back wall to pipe centres	Side entry	(B)	63	84	104
	Bottom entry		N/A	N/A	N/A
Tapping centres	Side entry	(C)	Width of rad		
	Bottom entry		N/A	N/A	N/A
Pipe centres	Side entry		Width + valves		
	Bottom entry		N/A	N/A	N/A
Bracket positions	Top	(Dt)	70		
	Bottom	(Db)	Adjustable		
Tappings			1/2"		

FLOOR MOUNTING (mm)	
Feet (HPVFS & FBC)	Add 100 to height
Adjustable feet (FB)	Add 125 - 175 to height

2 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section)					
Model height mm	300	400	500	600	750
Dry Weight (A) Kg	0.47	0.62	0.76	0.91	1.13
Water Content (B) Litres	0.42	0.49	0.57	0.65	0.77
Working Weight (A+B) Kg	0.89	1.11	1.33	1.56	1.90
Output: Watts $\Delta T=50k$	22	28	37	44	54

3 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section)					
Model height mm	300	400	500	600	750
Dry Weight (A) Kg	0.85	1.08	1.29	1.51	1.83
Water Content (B) Litres	0.60	0.72	0.83	0.95	1.13
Working Weight (A+B) Kg	1.45	1.80	2.12	2.46	2.96
Output: Watts $\Delta T=50k$	32	42	51	61	75

4 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section)					
Model height mm	300	400	500	600	750
Dry Weight (A) Kg	0.94	1.24	1.52	1.81	2.26
Water Content (B) Litres	0.78	0.93	1.09	1.25	1.49
Working Weight (A+B) Kg	1.72	2.17	2.61	3.06	3.75
Output: Watts $\Delta T=50k$	43	56	69	82	101

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 $\Delta T=50k$ 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°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