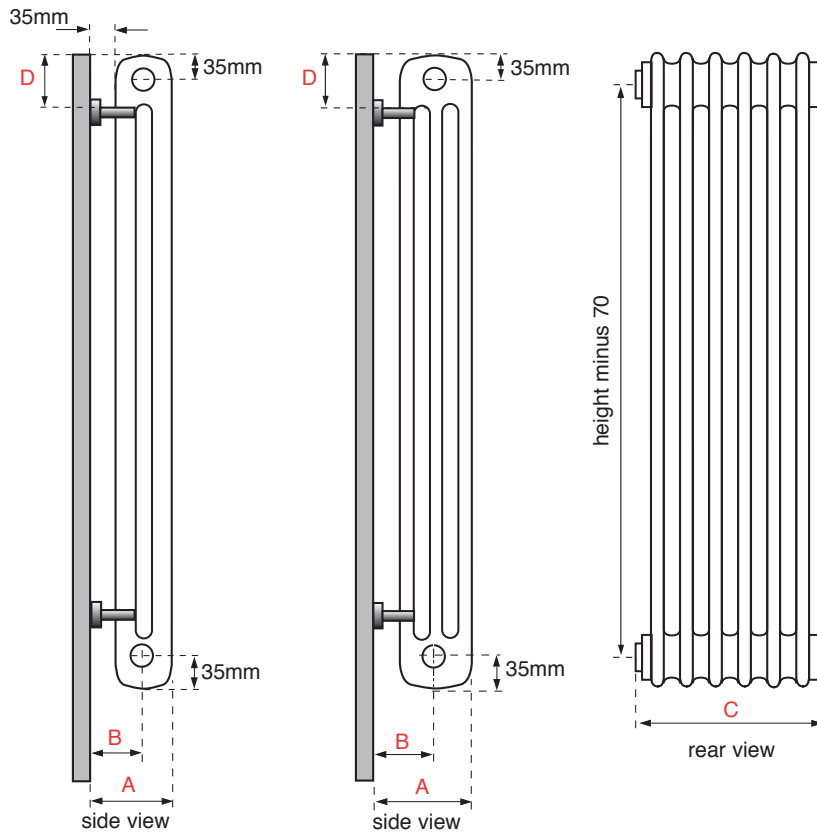


APOLLO roma vertical technical specification



ROMA VERTICAL DIMENSIONS (mm)			
MODEL		2 COLUMN	3 COLUMN
Width of radiator		(No. of sections x 46) + 30	
Section depth		66	107
Section width (tube + space)		46	46
Wall to front of rad		(A)	137
Wall to pipe centres	Side entry	(B)	84
	Bottom entry	N/A	N/A
Tapping centres	Side entry	(C)	Width of rad
	Bottom entry		N/A N/A
Pipe centres	Side entry		Width + valves
	Bottom entry		N/A N/A
Bracket positions	Top	(D)	70
	Bottom		Adjustable

FLOOR MOUNTING (mm)	
Feet (WVFS)	Add 65 to height
Feet (HPVFS & FBC)	Add 100 to height
Adjustable feet (FB)	Add 125 - 175 to height

2 COLUMN VERTICAL WEIGHTS AND VOLUMES (per section)			
Model height mm	1500	1800	2000
Dry weight (A) Kg	2.21	2.65	2.94
Water content (B) Litres	1.37	1.61	1.77
Working weight (A+B) Kg	3.58	4.26	4.71
Outputs: Watts $\Delta T=50k$	107	129	144

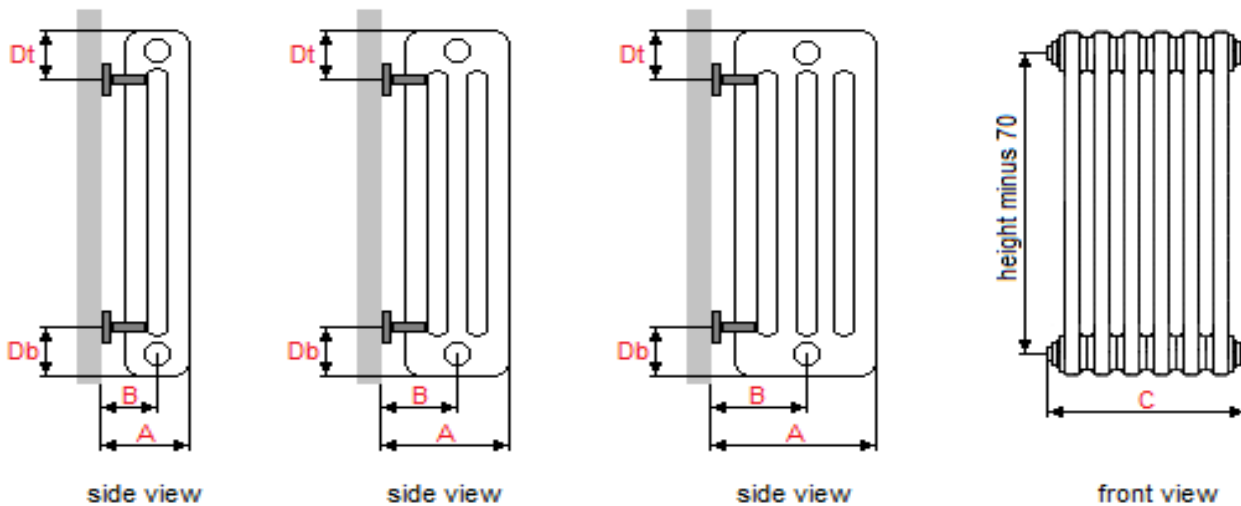
3 COLUMN VERTICAL WEIGHTS AND VOLUMES (per section)			
Model height mm	1500	1800	2000
Dry weight (A) Kg	3.47	4.13	4.56
Water content (B) Litres	2.03	2.39	2.62
Working weight (A+B) Kg	5.50	6.52	7.18
Outputs: Watts $\Delta T=50k$	147	176	197

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

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

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 ΔT=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 ΔT=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 ΔT=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 ΔT=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