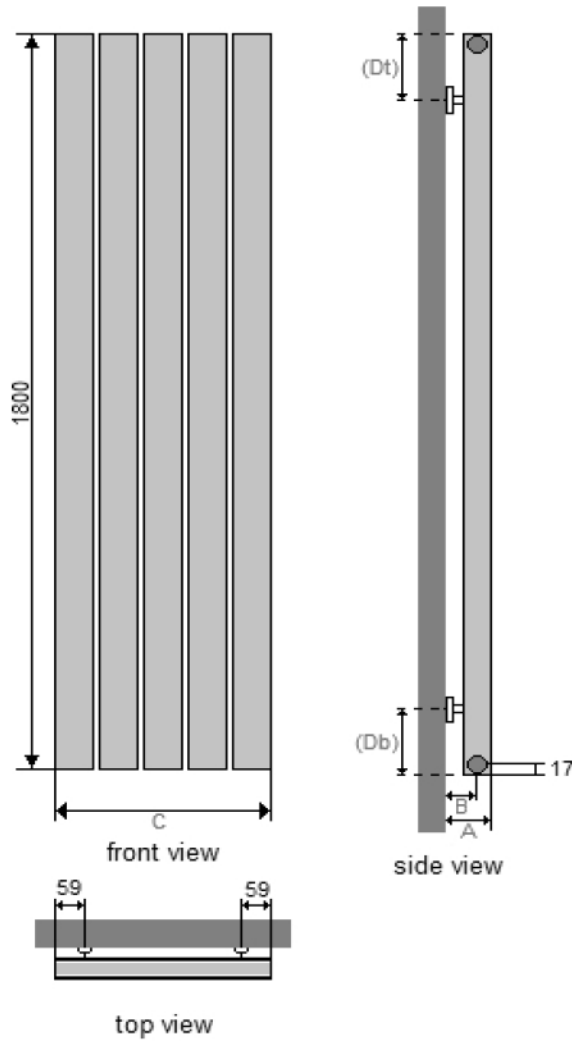


APOLLO malpensa flat vertical technical specification



MALPENSA FLAT VERTICAL DIMENSIONS (mm)							
MODEL HEIGHT	1800						
Actual width of radiator	(No. of sections x 80) - 2						
No. of sections	5	6	7	8	9		
Section depth x width	38 x 78						
Back wall to front of rad	(A)	75					
Back wall to pipe centres	Side entry	(B)	56				
	Bottom entry	N/A					
Tapping centres	Side entry	(C)	398	478	558	638	718
	Bottom entry	N/A					
Bracket positions	Top	(Dt)	150				
	Bottom	(Db)	150				
Tappings	1/2"						

MALPENSA FLAT VERTICAL WEIGHTS AND VOLUMES (per radiator)					
Model Width (mm)	400	480	560	640	720
Dry Weight (A) Kg	10.15	12.18	14.21	16.24	18.27
Water content (B) Litres	4.60	5.50	6.40	7.30	8.20
Working weight (A+B) Kg	14.75	17.68	20.61	23.54	26.47
Outputs: Watts $\Delta T=50k$	940	1128	1316	1504	1692

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

ADDITIONAL INFORMATION	
Material	Aluminium
Alloy thickness	1.5mm
Maximum working pressure	16 bar
Maximum working temperature	90°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