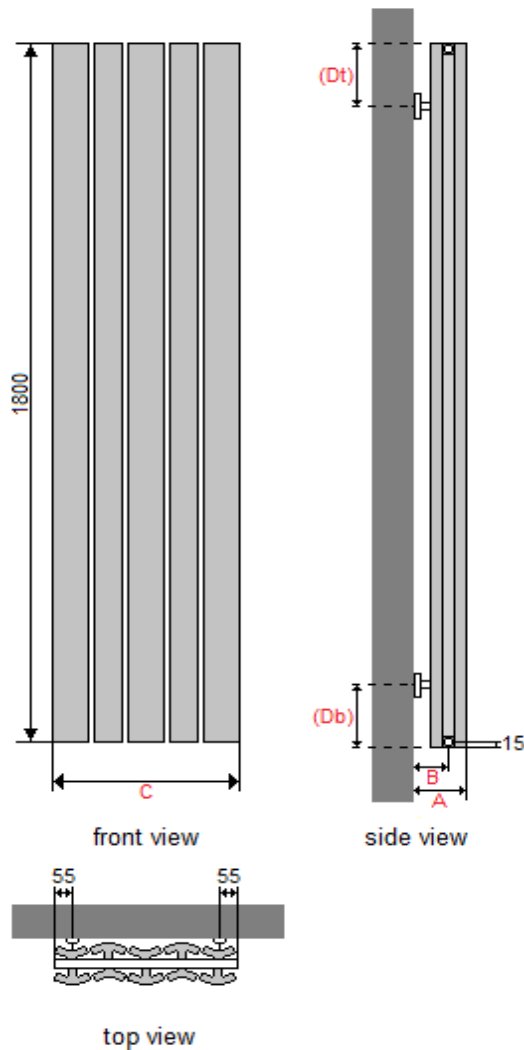


APOLLO malpensa wave vertical technical specification



MALPENSA WAVE VERTICAL DIMENSIONS (mm)				
MODEL HEIGHT				1800
Actual width of radiator			408	568
No. of sections			5	7
Section depth				80
Section width	Wide section			88
	Narrow section			70
Back wall to front of rad		(A)		126
Back wall to pipe centres	Side entry	(B)		81
	Bottom entry			N/A
Tapping centres	Side entry	(C)	408	568
	Bottom entry			N/A
Bracket positions	Top	(Dt)		150
	Bottom	(Db)		150
Tappings				1/2"

MALPENSA WAVE VERTICAL WEIGHTS AND VOLUMES (per radiator)			
Model Width (mm)		408	568
Dry Weight (A) Kg		16.00	22.40
Water content (B) Litres		1.90	2.70
Working weight (A+B) Kg		17.90	25.10
Outputs: Watts $\Delta T=50k$		1088	1523

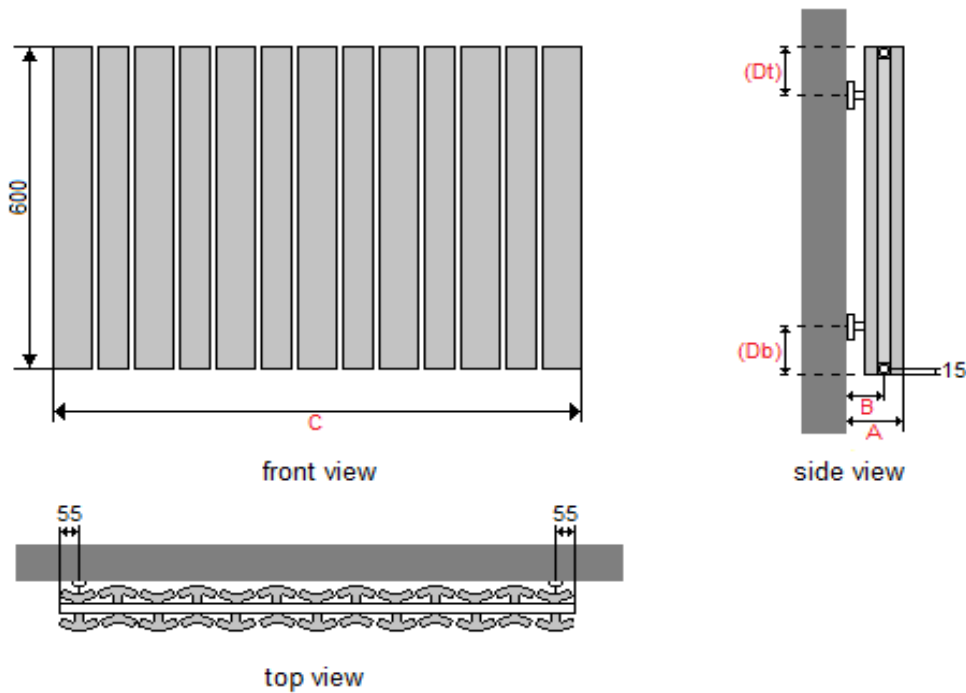
The thermal outputs expressed at $\Delta T=50k$ comply with European regulation EN 442-2

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°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

APOLLO malpensa wave horizontal technical specification



MALPENSA WAVE HORIZONTAL DIMENSIONS (mm)							
MODEL HEIGHT	600						
Actual width of radiator	568	728	888	1048	1208	1368	
No. of sections	7	9	11	13	15	17	
Section depth	80						
Section width	Wide section	88					
	Narrow section	70					
Back wall to front of rad	(A)	126					
Back wall to pipe centres	Side entry	(B) 81					
	Bottom entry	N/A					
Tapping centres	Side entry	(C) 568	728	888	1048	1208	1368
	Bottom entry	N/A					
Bracket positions	Top	(Dt) 150					
	Bottom	(Db) 150					
Tappings	1/2"						

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

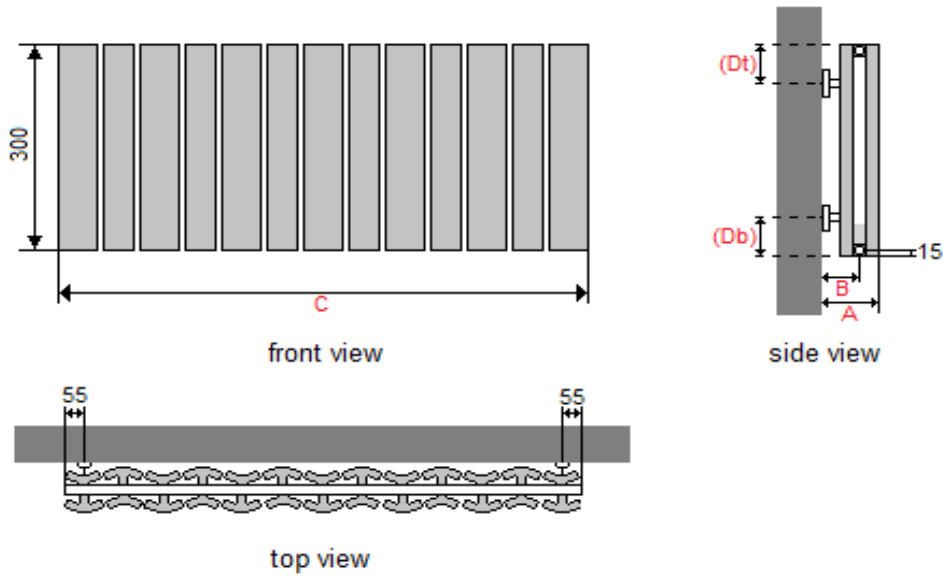
MALPENSA WAVE HORIZONTAL WEIGHTS AND VOLUMES (per radiator)							
Model Width (mm)	568	728	888	1048	1208	1368	
Dry Weight (A) Kg	7.42	9.54	11.66	13.78	15.90	18.02	
Water content (B) Litres	0.80	1.10	1.30	1.60	1.80	2.00	
Working weight (A+B) Kg	8.22	10.64	12.96	15.38	17.70	20.02	
Outputs: Watts $\Delta T=50k$	628	807	987	1166	1346	1525	

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

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 thickness	1.5mm
Maximum working pressure	16 bar
Maximum working temperature	90°C

APOLLO malpensa wave low level technical specification



MALPENSA WAVE LOW LEVEL DIMENSIONS (mm)				
MODEL HEIGHT				300
Actual width of radiator			1048	1208
No. of sections			13	15
Section depth				80
Section width	Wide section			88
	Narrow section			70
Back wall to front of rad		(A)		126
Back wall to pipe centres	Side entry	(B)		81
	Bottom entry			N/A
Tapping centres	Side entry	(C)	1048	1208
	Bottom entry			N/A
Bracket positions	Top	(Dt)		75
	Bottom	(Db)		75
Tappings				1/2"

MALPENSA WAVE LOW LEVEL WEIGHTS AND VOLUMES (per radiator)			
Model Width (mm)		1048	1208
Dry Weight (A) Kg		6.89	7.95
Water content (B) Litres		0.80	0.90
Working weight (A+B) Kg		7.69	8.85
Outputs: Watts $\Delta T=50k$		702	810

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°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