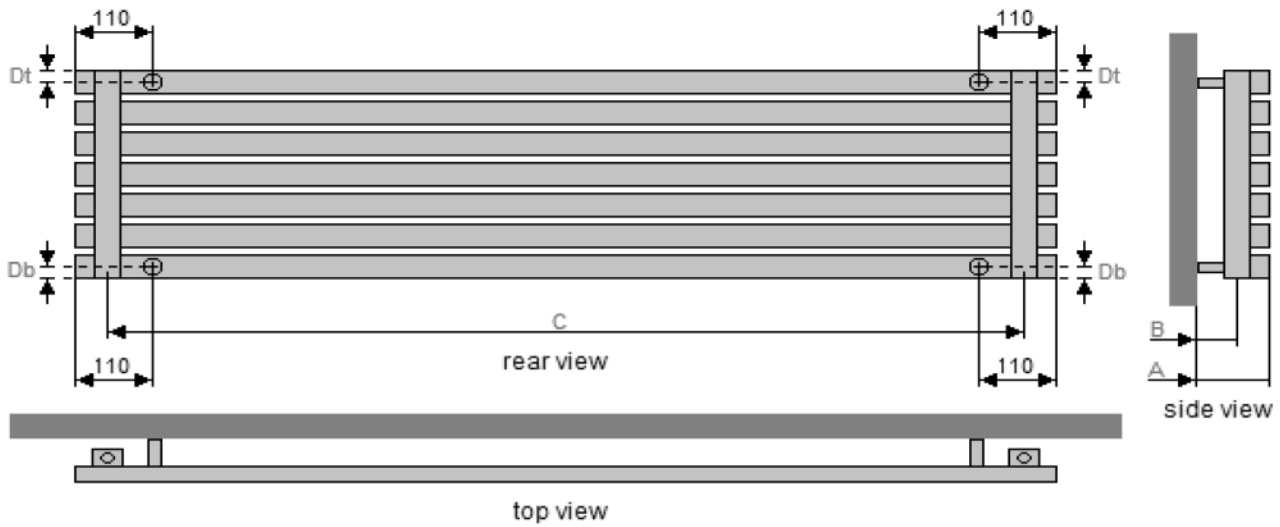


# APOLLO ferrara horizontal technical specification



FERRARA HORIZONTAL DIMENSIONS (mm)			
MODEL WIDTHS 1000, 1200, 1400, 1800, 2000			
Height of radiator		290	410
No. of sections		5	7
Tube height		50	
Tube depth		30	
Section height (tube + space)		60	
Radiator height		(No. of sections x 60) - 10	
Wall to front of rad	(A)	70	
Wall to pipe centres	Side entry	Not recommended	
	Bottom entry	(B)	25
Tapping centres	Side entry	N/A	
	Bottom entry	(C)	Width less 70
Pipe centres	Side entry	N/A	
	Bottom entry		Width less 70
Brackets position	Top	(Dt)	25
	Bottom	(Db)	25

ADDITIONAL INFORMATION	
Material	304 grade stainless steel
Steel tube measurements	30mm x 50mm
Steel thickness	1.2mm
Maximum working pressure	4 bar/400kPa
Testing pressure	6 bar/600kPa
Maximum working temperature	90°C

FERRARA 1000 WIDE WEIGHTS AND VOLUMES (per radiator)			
Model height (mm)		290	410
Dry Weight (A) Kg		9.90	13.90
Water content (B) Litres		7.80	11.10
Working weight (A+B) Kg		17.70	25.00
Outputs: Watts $\Delta T=50k$		659	923

FERRARA 1200 WIDE WEIGHTS AND VOLUMES (per radiator)			
Model height (mm)		290	410
Dry Weight (A) Kg		11.50	16.00
Water content (B) Litres		9.30	13.20
Working weight (A+B) Kg		20.80	29.20
Outputs: Watts $\Delta T=50k$		755	1058

FERRARA 1400 WIDE WEIGHTS AND VOLUMES (per radiator)			
Model height (mm)		290	410
Dry Weight (A) Kg		13.80	18.50
Water content (B) Litres		10.80	15.30
Working weight (A+B) Kg		24.60	33.80
Outputs: Watts $\Delta T=50k$		858	1201

FERRARA 1800 WIDE WEIGHTS AND VOLUMES (per radiator)			
Model height (mm)		290	410
Dry Weight (A) Kg		16.70	22.60
Water content (B) Litres		13.80	19.50
Working weight (A+B) Kg		30.50	42.10
Outputs: Watts $\Delta T=50k$		1090	1526

FERRARA 2000 WIDE WEIGHTS AND VOLUMES (per radiator)			
Model height (mm)		290	410
Dry Weight (A) Kg		18.20	24.70
Water content (B) Litres		15.30	21.60
Working weight (A+B) Kg		33.50	46.30
Outputs: Watts $\Delta T=50k$		1199	1679

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

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