APOLLO garda technical specification
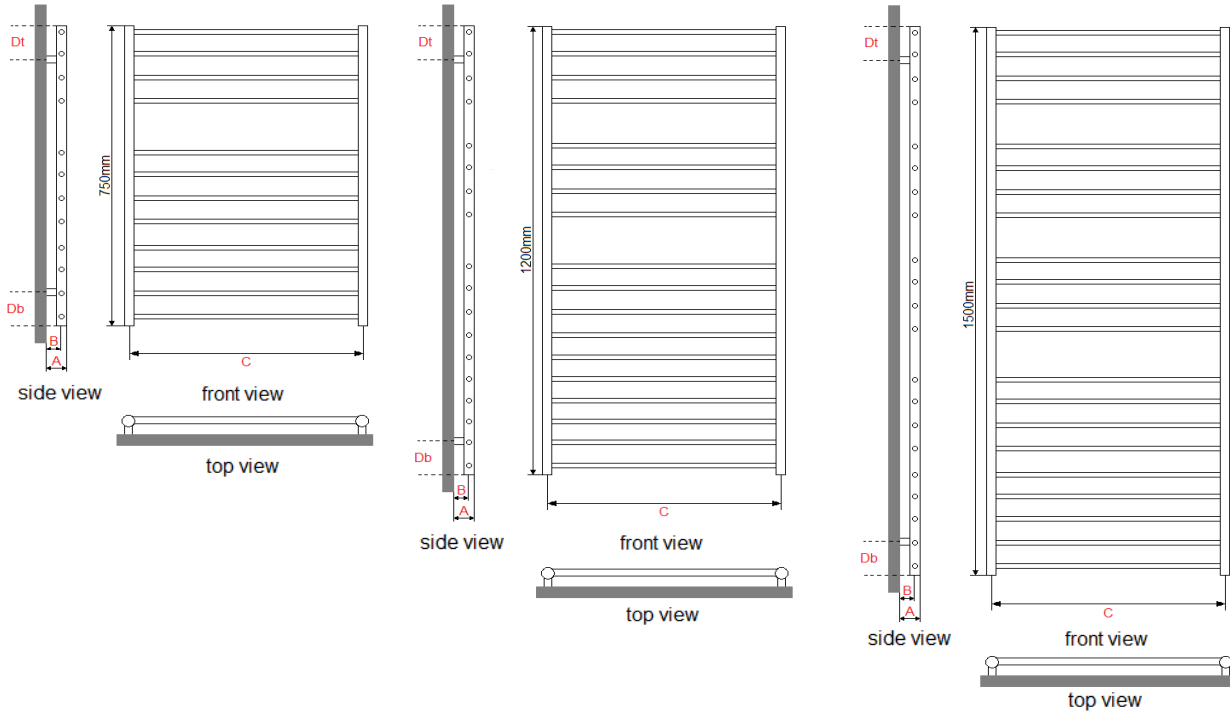
GARDA DIMENSIONS (mm)					
MODEL HEIGHT 750, 1200, 1500					
Width of radiator			400	500	600
Upright tube diameter			32 x 1.2		
Cross tube diameter			16 x 1		
Back wall to front of rad		(A)	72		
Wall to pipe centres	Side entry		N/A		
	Bottom entry	(B)	57		
Tapping centres	Side entry		N/A		
	Bottom entry	(C)	368	468	568
Bracket positions	Top	(Dt)	90		
	Bottom	(Db)	90		
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

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

GARDA 400 WIDE WEIGHTS AND VOLUMES			
Model Height (mm)	750	1200	1500
Dry Weight (A) Kg	4.00	5.94	7.12
Water content (B) Litres	1.62	2.57	3.14
Working Weight (A+B) Kg	5.62	8.51	10.26
Outputs: Watts ΔT=50k	245	278	468

The thermal outputs expressed at ΔT=50k comply with European regulation EN 442-2

GARDA 500 WIDE WEIGHTS AND VOLUMES			
Model Height (mm)	750	1200	1500
Dry Weight (A) Kg	5.53	6.73	8.05
Water content (B) Litres	1.79	2.83	3.45
Working Weight (A+B) Kg	7.32	9.56	11.50
Outputs: Watts ΔT=50k	272	420	521

The thermal outputs expressed at ΔT=50k comply with European regulation EN 442-2

GARDA 600 WIDE WEIGHTS AND VOLUMES			
Model Height (mm)	750	1200	1500
Dry Weight (A) Kg	5.06	7.53	8.99
Water content (B) Litres	1.96	3.09	3.76
Working Weight (A+B) Kg	7.02	10.62	12.75
Outputs: Watts ΔT=50k	299	462	573

The thermal outputs expressed at ΔT=50k comply with European regulation EN 442-2

ADDITIONAL INFORMATION		
Material		304 grade stainless steel
Steel thickness	Upright	1.2mm
	Cross tubes	1mm
Maximum working pressure		6 bar/600kPa
Testing pressure		7.8 bar/780 kPa
Maximum working temperature		90°C
Configuration	750 high	2 banks/12 tubes (4 + 8)
	1200 high	3 banks/16 tubes (4 + 4 + 10)
	1500 high	4 banks/20 tubes (4 + 4 + 4 + 9)