# APOLLO ferrara vertical technical specification

| FERRARA VERTICAL DIMENSIONS (mm) | | | | | |
|---|---|---|---|---|---|
| MODEL HEIGHTS 1000, 1200, 1400, 1800, 2000 | | | | | |
| Width of radiator | | | 290 | 410 | 530 |
| No. of sections | | | 5 | 7 | 9 |
| Tube width | | | 50 | | |
| Tube depth | | | 30 | | |
| Section width | (tube + space) | | 60 | | |
| Radiator width | | | (No. of sections x 60) - 10 | | |
| Wall to front of rad | | (A) | 70 | | |
| Wall to pipe centres | Side entry | (Bs) | 25 | | |
| | Bottom entry | (B) | 55 | | |
| Tapping centres | Side entry | (C) | As width | | |
| | Bottom entry | (D) | Width less 50 | | |
| Pipe centres | Side entry | | Width plus valves | | |
| | Bottom entry | | Width less 50 | | |
| Brackets position | Top | (Et) | 110 | | |
| | Bottom | (Eb) | 110 | | |

| FERRARA 1000 HIGH WEIGHTS AND VOLUMES (per radiator) | | | |
|---|---|---|---|
| Model Width (mm) | 290 | 410 | 530 |
| Dry Weight (A) Kg | 9.90 | 13.90 | 17.90 |
| Water content (B) Litres | 7.80 | 11.10 | 14.50 |
| Working weight (A+B) Kg | 17.70 | 25.00 | 32.40 |
| Outputs: Watts ΔT=50k | 659 | 923 | 1186 |

| FERRARA 1200 HIGH WEIGHTS AND VOLUMES (per radiator) | | | |
|---|---|---|---|
| Model Width (mm) | 290 | 410 | 530 |
| Dry Weight (A) Kg | 11.50 | 16.00 | 20.60 |
| Water content (B) Litres | 9.30 | 13.20 | 17.20 |
| Working weight (A+B) Kg | 20.80 | 29.20 | 37.80 |
| Outputs: Watts ΔT=50k | 755 | 1058 | 1359 |

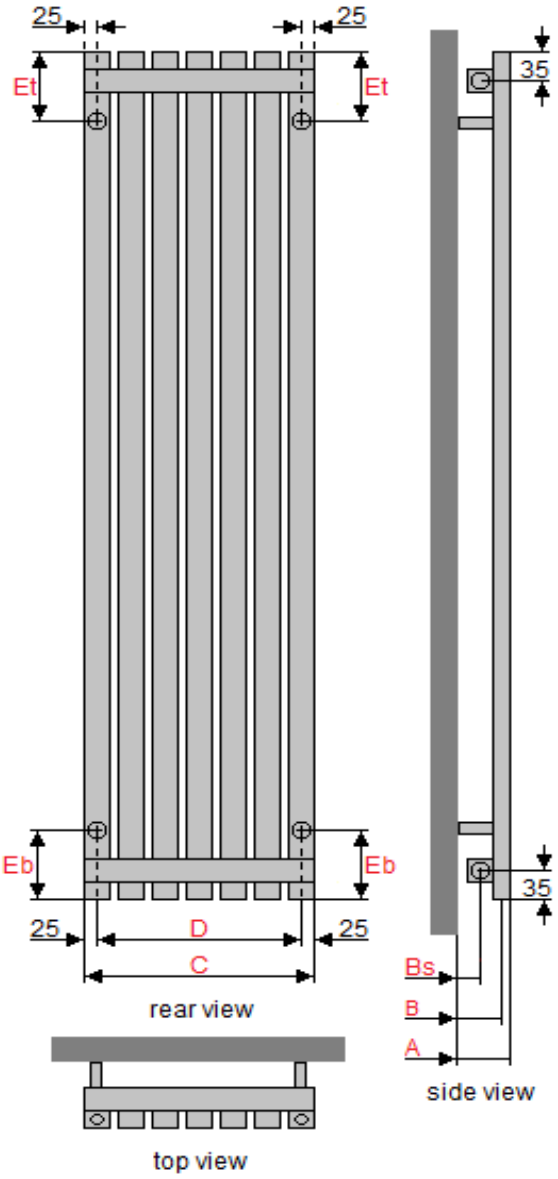
| FERRARA 1400 HIGH WEIGHTS AND VOLUMES (per radiator) | | | |
|---|---|---|---|
| Model Width (mm) | 290 | 410 | 530 |
| Dry Weight (A) Kg | 13.80 | 18.50 | 23.20 |
| Water content (B) Litres | 10.80 | 15.30 | 19.90 |
| Working weight (A+B) Kg | 24.60 | 33.80 | 43.10 |
| Outputs: Watts ΔT=50k | 858 | 1201 | 1543 |

| FERRARA 1800 HIGH WEIGHTS AND VOLUMES (per radiator) | | | |
|---|---|---|---|
| Model Width (mm) | 290 | 410 | 530 |
| Dry Weight (A) Kg | 16.70 | 22.60 | 28.50 |
| Water content (B) Litres | 13.80 | 19.50 | 25.30 |
| Working weight (A+B) Kg | 30.50 | 42.10 | 53.80 |
| Outputs: Watts ΔT=50k | 1090 | 1526 | 1961 |

| FERRARA 2000 HIGH WEIGHTS AND VOLUMES (per radiator) | | | |
|---|---|---|---|
| Model Width (mm) | 290 | 410 | 530 |
| Dry Weight (A) Kg | 18.20 | 24.70 | 32.00 |
| Water content (B) Litres | 15.30 | 21.60 | 28.00 |
| Working weight (A+B) Kg | 33.50 | 46.30 | 60.00 |
| Outputs: Watts ΔT=50k | 1199 | 1679 | 2157 |

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

| 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 |




| 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