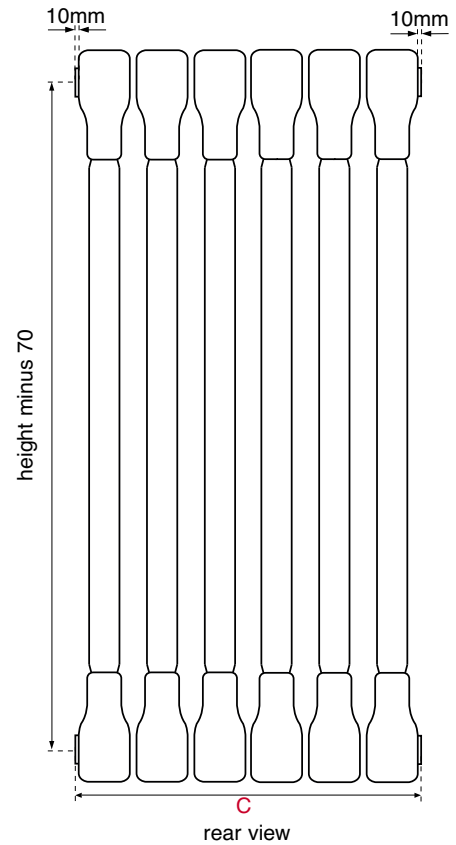
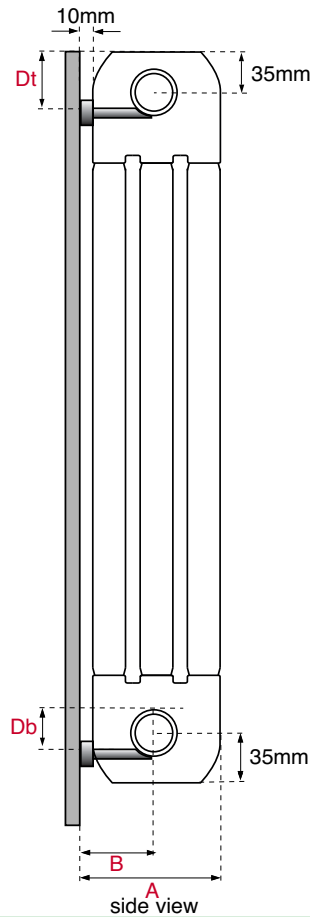
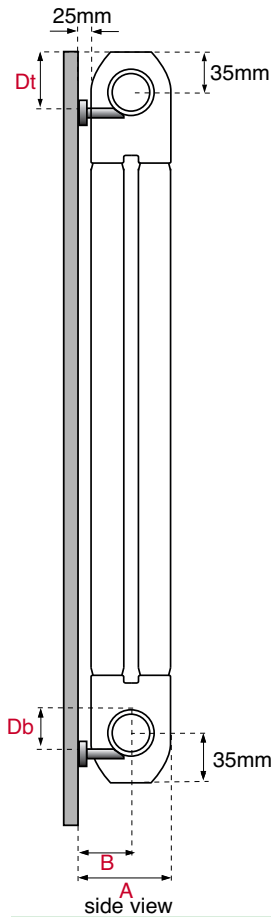


APOLLO monza vertical technical specification



MONZA VERTICAL DIMENSIONS (mm)

| MODEL | | | 2 COLUMN | 3 COLUMN |
|-------------------------------|--------------|------|-----------------------------|----------|
| Width of radiator | | | (No. of sections x 46) + 20 | |
| Section depth | | | 70 | 100 |
| Section width (panel + space) | | | 46 | 46 |
| Wall to front of rad | | (A) | 95 | 110 |
| Wall to pipe centres | Side entry | (B) | 60 | 60 |
| | Bottom entry | | N/A | N/A |
| Tapping centres | Side entry | (C) | Width of rad + 20 | |
| | Bottom entry | | N/A | N/A |
| Pipe centres | Side entry | | Width + valves | |
| | Bottom entry | | N/A | N/A |
| Bracket positions | Top | (Dt) | 55 | 55 |
| | Bottom | (Db) | 40 | 40 |
| Tappings | | | 1/2" | 1/2" |

2 COLUMN VERTICAL WEIGHTS AND VOLUMES (per section)

| Model height mm | 1270 | 1570 | 1870 |
|-------------------------------|------|------|------|
| Dry weight (A) Kg | 1 | 1.17 | 1.34 |
| Water content (B) Litres | 0.91 | 1.14 | 1.37 |
| Working weight (A+B) Kg | 1.91 | 2.31 | 2.71 |
| Outputs: Watts $\Delta T=50k$ | 99 | 121 | 143 |

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

3 COLUMN VERTICAL WEIGHTS AND VOLUMES (per section)

| Model height mm | 1270 | 1570 | 1870 |
|-------------------------------|------|------|------|
| Dry weight (A) Kg | 1.34 | 1.67 | 1.84 |
| Water content (B) Litres | 1.37 | 1.71 | 2.05 |
| Working weight (A+B) Kg | 2.71 | 3.38 | 3.89 |
| Outputs: Watts $\Delta T=50k$ | 130 | 157 | 185 |

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

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 °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

ADDITIONAL INFORMATION

| | |
|-----------------------------------|----------------------|
| Material | Aluminium alloy 3005 |
| Alloy thickness | 1.2mm |
| Maximum working pressure | 30 bar/30,000 kPa |
| Mechanical strength test pressure | 52 bar |
| Maximum working temperature | 95°C |