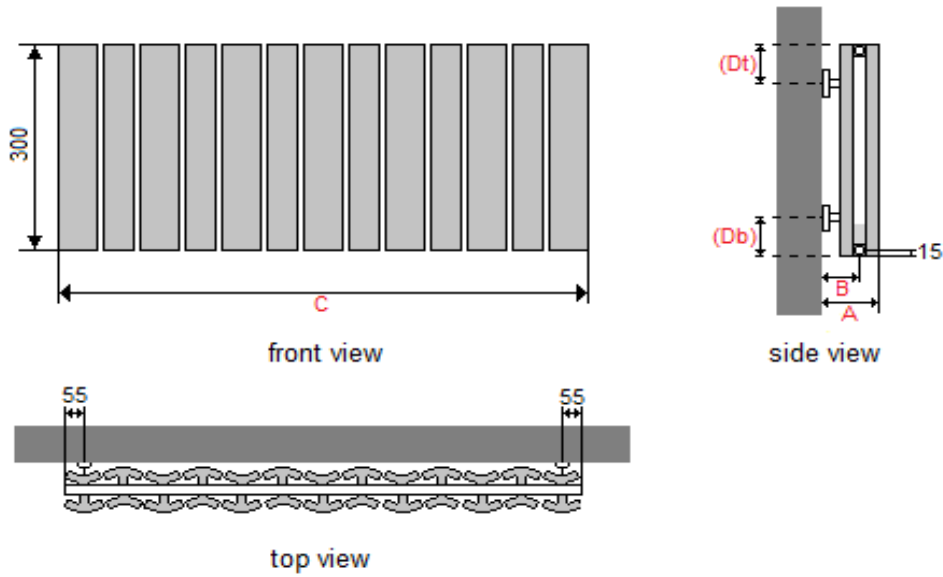


APOLLO malpensa wave low level technical specification



| 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