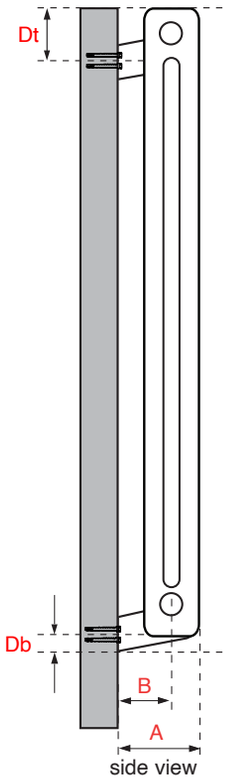
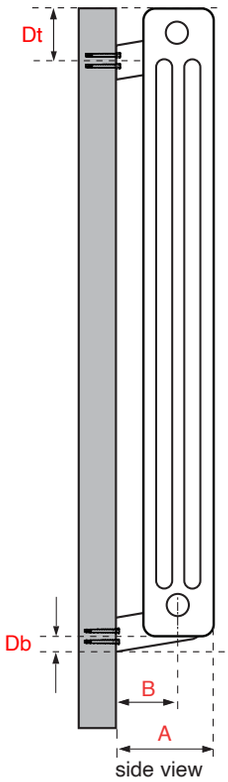
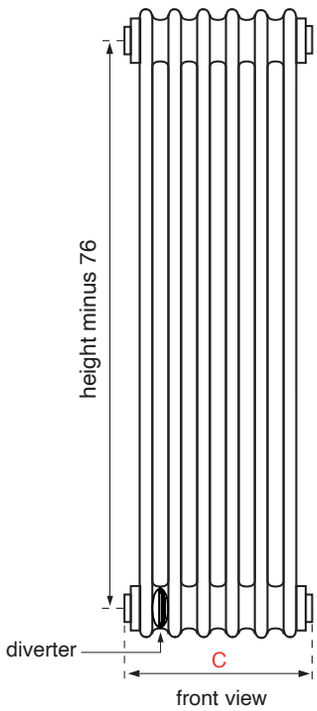
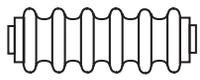
# apollo column vertical technical specification




| APOLLO COLUMN VERTICAL DIMENSIONS (mm) | | | | |
|---|---|---|---|---|
| MODEL (COLUMNS) | | | 2 COLUMN | 3 COLUMN |
| Width of radiator | | | (No. of sections x 45) + 20 | |
| Section depth | | | 68 | 100 |
| Section width (tube + space) | | | 45 | 45 |
| Back wall to front of rad | | (A) | 92 | 110 |
| Back wall to pipe centres | Side entry | (B) | 58 | 60 |
| Tapping centres | Side entry | (C) | Width of rad | |
| Pipe centres | Side entry | | Tapping centres plus valves | |
| Bracket positions | Top | (Dt) | Width minus 245 | |
| | Bottom | (Db) | Width minus 245 | |
| Tappings | | | 1/2” | |

| FLOOR MOUNTING (mm) | |
|---|---|
| Feet (APCO2CSOF & APCO3CSOF) | Add 155 to height |

| 2 COLUMN VERTICAL WEIGHTS AND VOLUMES (per section) | |
|---|---|
| Model height mm | 1800 |
| Dry weight (A) Kg | 2.71 |
| Water content (B) Litres | 1.50 |
| Working weight (A+B) Kg | 4.21 |
| Outputs: Watts ΔT=50k | 121 |

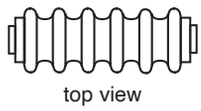
| 3 COLUMN VERTICAL WEIGHTS AND VOLUMES (per section) | |
|---|---|
| Model height mm | 1800 |
| Dry weight (A) Kg | 4.01 |
| Water content (B) Litres | 2.21 |
| Working weight (A+B) Kg | 6.22 |
| Outputs: Watts ΔT=50k | 164 |

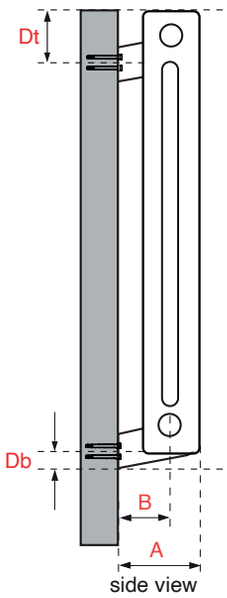
The thermal outputs expressed at ΔT=50k comply with European regulation EN 442-2

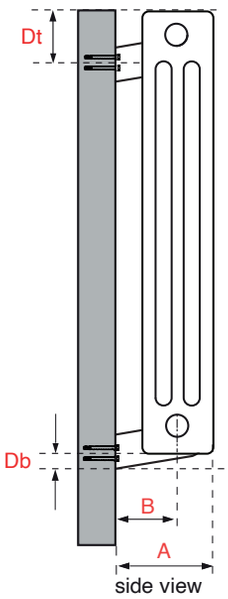
| TEMPERATURE | | | |
|---|---|---|---|
| FACTORS FOR DIFFERENCES BETWEEN MEAN WATER TEMPERATURE AND ROOM TEMPERATURE IN °C AND °F OTHER THAN 50 °C (90 °F) | | | |
| 5 °C | 0.050 | | |
| 10 °C | 0.123 | 10 °F | 0.057 |
| 15 °C | 0.209 | 20 °F | 0.142 |
| 20 °C | 0.304 | 30 °F | 0.240 |
| 25 °C | 0.406 | 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 | | | |

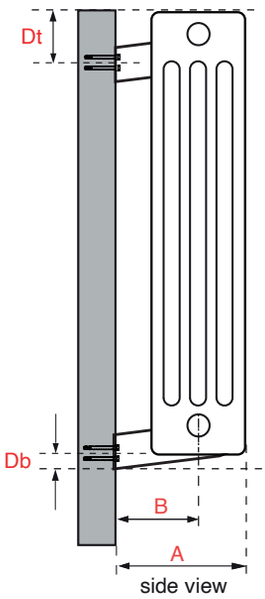
| ADDITIONAL INFORMATION | |
|---|---|
| Material | Steel |
| Steel tube diameter | 25mm |
| Steel thickness | 1.20mm |
| Maximum working pressure | 8 bar/800 kPa |
| Mechanical Strength Test Pressure | 10 bar/1000 kPa |
| Maximum working temperature | 95°C |

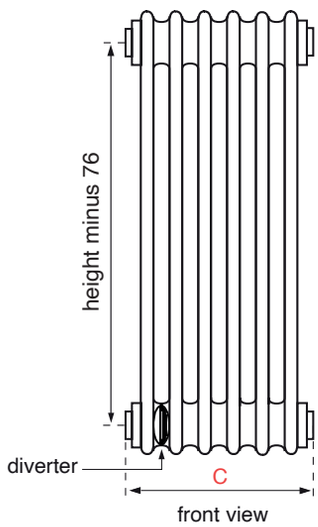
# apollo column horizontal technical specification




| APOLLO COLUMN HORIZONTAL DIMENSIONS (mm) | | | | | |
|---|---|---|---|---|---|
| MODEL (COLUMNS) | | | 2 COLUMN | 3 COLUMN | 4 COLUMN |
| Width of radiator | | | (No. of sections x 45) + 20 | | |
| Section depth | | | 68 | 100 | 140 |
| Section width (tube + space) | | | 45 | 45 | 45 |
| Back wall to front of rad | | (A) | 92 | 110 | 160 |
| Back wall to pipe centres | Side entry | (B) | 58 | 60 | 90 |
| Tapping centres | Side entry | (C) | Width of rad | | |
| Pipe centres | Side entry | | Tapping centres plus valves | | |
| Bracket positions | Top | (Dt) | Width minus 245 | | |
| | Bottom | (Db) | Width minus 245 | | |
| Tappings | | | 1/2” | | |

| FLOOR MOUNTING (mm) | |
|---|---|
| Feet (APCO2CSOF & APCO3CSOF & APCO4CSOF) | Add 155 to height |

| 2 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section) | | |
|---|---|---|
| Model height mm | 400 | 600 |
| Dry weight (A) Kg | 0.67 | 0.96 |
| Water content (B) Litres | 0.49 | 0.64 |
| Working weight (A+B) Kg | 1.16 | 1.60 |
| Outputs: Watts ΔT=50k | 29 | 43 |

| 3 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section) | | |
|---|---|---|
| Model height mm | 400 | 600 |
| Dry weight (A) Kg | 0.95 | 1.39 |
| Water content (B) Litres | 0.70 | 0.91 |
| Working weight (A+B) Kg | 1.65 | 2.30 |
| Outputs: Watts ΔT=50k | 40 | 58 |

| 4 COLUMN HORIZONTAL WEIGHTS AND VOLUMES (per section) | |
|---|---|
| Model height mm | 600 |
| Dry weight (A) Kg | 1.91 |
| Water content (B) Litres | 1.18 |
| Working weight (A+B) Kg | 3.09 |
| Outputs: Watts ΔT=50k | 74 |

The thermal outputs expressed at ΔT=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 °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 | | | |

| ADDITIONAL INFORMATION | |
|---|---|
| Material | Steel |
| Steel Tube Diameter | 25mm |
| Steel Thickness | 1.20mm |
| Maximum Working Pressure | 8 bar/800 kPa |
| Mechanical Strength Test Pressure | 10 bar/1000 kPa |
| Maximum Working Temperature | 95°C |