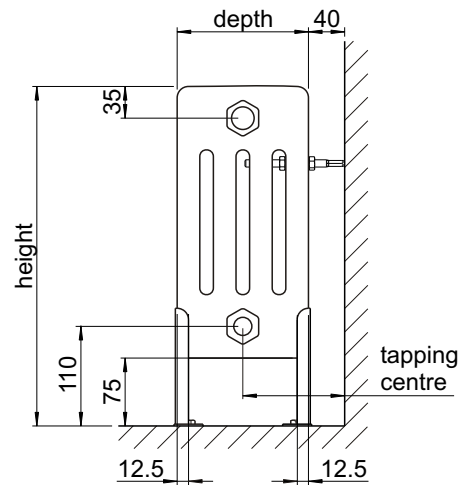


Note:
If fitting in an alcove
allow minimum of
100mm each side
for valves



All dimensions shown are in millimetres

Test pressure: **13 BAR**
 Max working pressure: **10 BAR**
 Max working temperature: **120° C**
 All steel construction: **1.5mm header thickness**
dia 25mm x 1.25mm tubes
 Connections: **½ inch BSP bottom opposite end tapplings**

Heat output determined in accordance with EN 442

Manufactured for Bisque by Arbonia AG of Switzerland

| Model | Output ΔT=50K Watts | Output ΔT=60K Watts | n | Water Content litres | Weight kg | Height ± 2mm | Length ± 2% | Depth ± 2mm | Tapping Centre ± 2mm |
|-----------|---------------------------|---------------------------|------|----------------------------|--------------|-----------------|----------------|----------------|----------------------------|
| 4F-30-45 | 430 | 548 | 1.33 | 6.9 | 11 | 375 | 474 | 145 | 113 |
| 4F-30-72 | 668 | 877 | 1.33 | 10.7 | 14 | 375 | 744 | 145 | 113 |
| 4F-30-90 | 860 | 1096 | 1.33 | 13.8 | 21 | 375 | 924 | 145 | 113 |
| 4F-30-108 | 1032 | 1315 | 1.33 | 16.6 | 25 | 375 | 1104 | 145 | 113 |
| 6F-30-108 | 1488 | 1917 | 1.39 | 24.5 | 38 | 375 | 1104 | 225 | 153 |
| 4F-40-67 | 840 | 1074 | 1.35 | 12.8 | 20 | 475 | 699 | 145 | 113 |
| 6F-40-108 | 1944 | 2514 | 1.41 | 30.3 | 49 | 475 | 1104 | 225 | 153 |
| 4F-40-135 | 1680 | 2149 | 1.35 | 25.5 | 40 | 475 | 1374 | 145 | 113 |
| 6F-40-135 | 2430 | 3142 | 1.41 | 37.8 | 101 | 475 | 1374 | 225 | 153 |
| 4F-50-54 | 804 | 1028 | 1.35 | 12.1 | 20 | 575 | 564 | 145 | 113 |
| 4F-50-63 | 938 | 1200 | 1.35 | 14.1 | 23 | 575 | 654 | 145 | 113 |
| 4F-50-72 | 1072 | 1386 | 1.41 | 16.2 | 26 | 575 | 744 | 145 | 113 |
| 4F-50-90 | 1340 | 1714 | 1.35 | 20.2 | 32 | 575 | 924 | 145 | 113 |
| 4F-50-108 | 1608 | 2057 | 1.35 | 24.2 | 39 | 575 | 1104 | 145 | 113 |
| 4F-50-126 | 1876 | 2400 | 1.35 | 28.3 | 45 | 575 | 1284 | 145 | 113 |
| 4F-60-45 | 810 | 1036 | 1.35 | 11.7 | 19 | 675 | 474 | 145 | 113 |
| 4F-60-63 | 1134 | 1450 | 1.35 | 16.4 | 27 | 675 | 654 | 145 | 113 |
| 4F-60-81 | 1458 | 1865 | 1.35 | 21.1 | 34 | 675 | 834 | 145 | 113 |
| 4F-60-99 | 1782 | 2279 | 1.35 | 25.8 | 42 | 675 | 1014 | 145 | 113 |
| 4F-60-117 | 2106 | 2694 | 1.35 | 30.4 | 49 | 675 | 1194 | 145 | 113 |
| 4F-75-18 | 480 | 512 | 1.35 | 5.7 | 10 | 825 | 204 | 145 | 113 |
| 4F-75-27 | 600 | 767 | 1.35 | 8.5 | 13 | 825 | 294 | 145 | 113 |
| 4F-75-36 | 800 | 1023 | 1.35 | 11.3 | 19 | 825 | 384 | 145 | 113 |
| 4F-75-54 | 1200 | 1535 | 1.35 | 17.0 | 28 | 825 | 564 | 145 | 113 |

Tools & Material Required

Wall plugs - 10mm
 Screws - 7mm diameter x 60mm length
 Suitable valves
 PTFE tape
 Silicone thread sealant
 Tape measure
 Allen key - 13mm & 12mm (when installing Bisque valves)
 Spanner - 13mm & 14mm
 Socketdriver - 10mm long reach
 Electric drill
 Masonry drill bit - 10mm diameter
 Spirit level
 Stepladder (for taller radiators)

| Key | Component | Qty |
|-----|-----------------------------------|-----|
| A | Air Vent - 1/4" | 1 |
| B | Wall Plug* | 2 |
| C | Wall Stay | 2 |
| D | Plastic Restraint | 2 |
| E | Plastic Restraint | 2 |
| F | Nut | 4 |
| G | Screw - Hex Head, 7mm dia x 60mm* | 4 |
| H | Air Vent Key | 1 |

* Wall Plugs & Screws not supplied

Assembly Instructions

Sufficient PTFE tape must be applied to valve-tail threads prior to their installation.
 Silicone thread sealant should be applied to all threaded components manufactured with 'O-rings'.

Fit valve tails, using correct size Allen key.

Fit air vent (A).

Place radiator in desired location and mark out position of holes through feet onto floor and holes on wall near top & ends of radiator.

Drill 10mm diameter holes in floor & wall to a minimum depth of 65mm and insert wall plugs (B).

Screw wall stays (C) into wall.

Adjust wall stay plastic restraint (D) to the vertical position, reposition radiator over holes in floor with wall stay (C) between radiator columns and plastic restraint (E) horizontal against rear of radiator columns.

Swivel plastic restraint (D) to the horizontal position and tighten nut (F) with long reach 10mm socket driver.

Fix radiator to floor with four 7mm diameter x 60mm screws (G).

Plumb radiator to heating circuit with flow opposite air vent.

