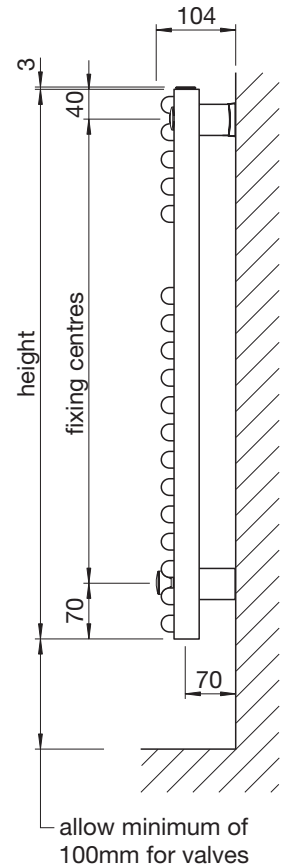
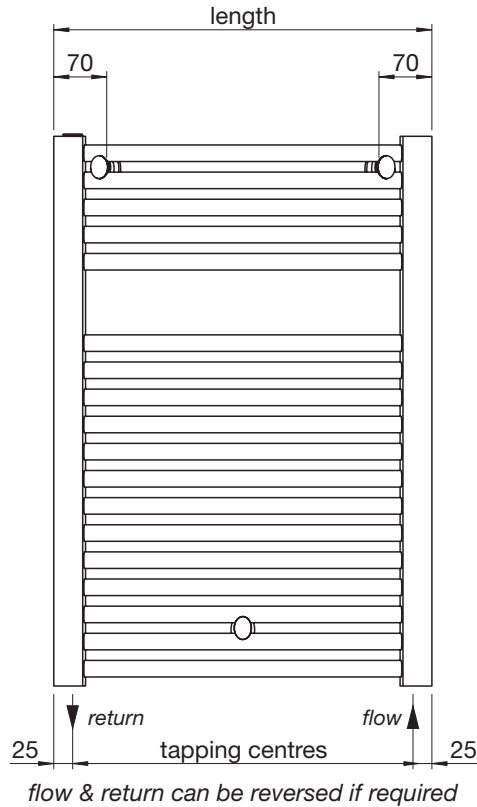


BW/C 80 BW/C 115 BW/C 140 BW/C 180



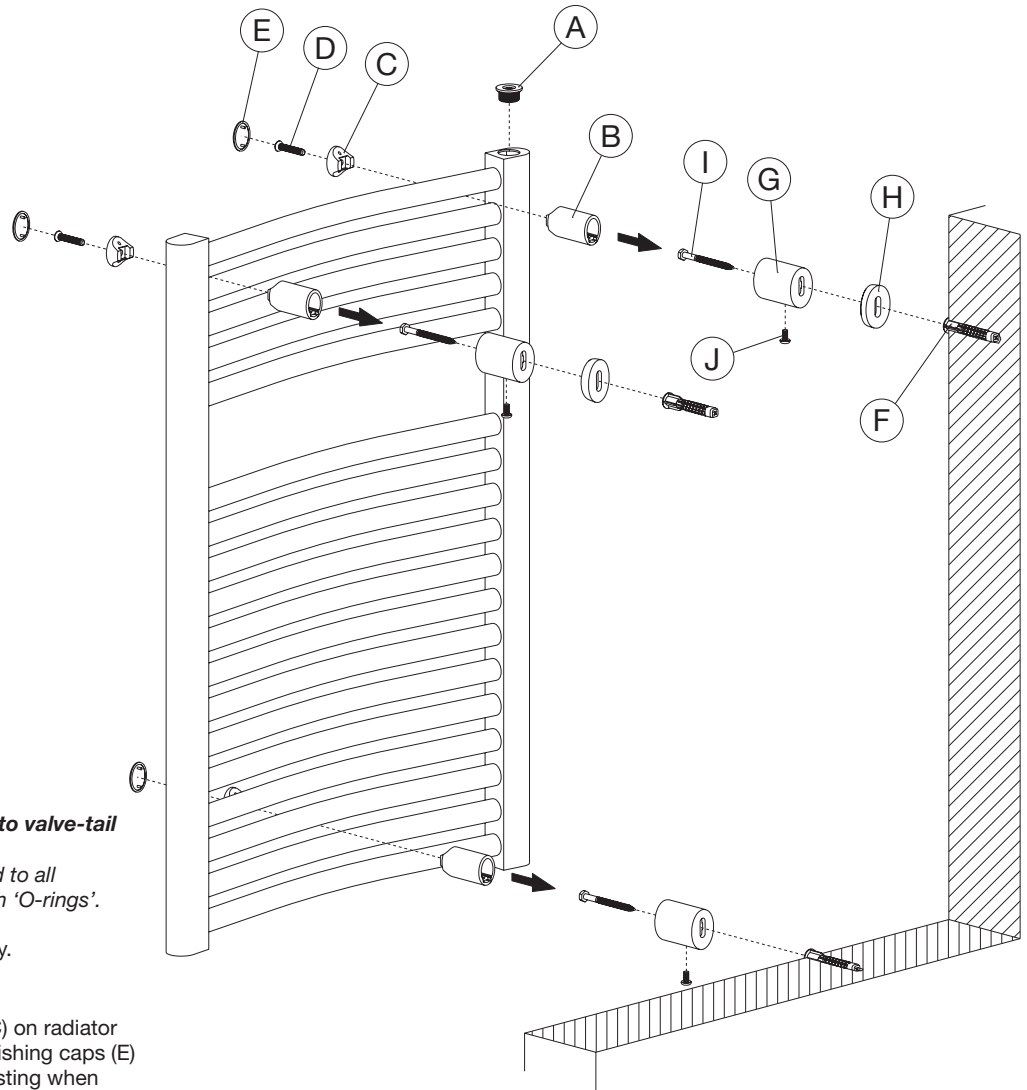
Dual fuel option will affect pipe centres.  
Please contact us for details.

All dimensions shown are in millimetres

Test pressure: **10 BAR**  
 Max working pressure: **3 BAR**  
 Max working temperature: **95° C**  
 All steel construction: **dia 22mm x 1.5mm tubes**  
**30x40mm D-shaped headers**  
 Connections: **½ inch BSP underside tapings**

**Not suitable for use on domestic hot water system**

| Model     | Output<br>$\Delta T=50K$<br>Watts | Output<br>$\Delta T=60K$<br>Watts | Water<br>Content<br>litres | Weight<br>kg | Height<br>$\pm 2mm$ | Length<br>$\pm 2mm$ | Tapping<br>Centres<br>$\pm 2mm$ | Fixing<br>Centres<br>$\pm 2mm$ |
|-----------|-----------------------------------|-----------------------------------|----------------------------|--------------|---------------------|---------------------|---------------------------------|--------------------------------|
| BW 80-50  | 359                               | 454                               | 4.0                        | 9            | 730                 | 496                 | 446                             | 620                            |
| BW 120-50 | 522                               | 660                               | 6.2                        | 14           | 1158                | 496                 | 446                             | 1048                           |
| BW 140-50 | 597                               | 755                               | 7.2                        | 17           | 1378                | 496                 | 446                             | 1268                           |
| BW 180-50 | 761                               | 963                               | 9.3                        | 21           | 1738                | 496                 | 446                             | 1628                           |
| BW 80-60  | 428                               | 541                               | 4.5                        | 11           | 730                 | 596                 | 546                             | 620                            |
| BW 120-60 | 615                               | 778                               | 7.0                        | 16           | 1158                | 596                 | 546                             | 1048                           |
| BW 140-60 | 703                               | 889                               | 8.1                        | 19           | 1378                | 596                 | 546                             | 1268                           |
| BW 180-60 | 903                               | 1142                              | 10.5                       | 25           | 1738                | 596                 | 546                             | 1628                           |
| BC 80-50  | 287                               | 363                               | 4.0                        | 9            | 730                 | 496                 | 446                             | 620                            |
| BC 120-50 | 418                               | 528                               | 6.2                        | 14           | 1158                | 496                 | 446                             | 1048                           |
| BC 140-50 | 478                               | 605                               | 7.2                        | 17           | 1378                | 496                 | 446                             | 1268                           |
| BC 180-50 | 609                               | 770                               | 9.3                        | 21           | 1738                | 496                 | 446                             | 1628                           |
| BC 80-60  | 342                               | 433                               | 4.5                        | 11           | 730                 | 596                 | 546                             | 620                            |
| BC 120-60 | 492                               | 622                               | 7.0                        | 16           | 1158                | 596                 | 546                             | 1048                           |
| BC 140-60 | 562                               | 711                               | 8.1                        | 19           | 1378                | 596                 | 546                             | 1268                           |
| BC 180-60 | 722                               | 917                               | 10.5                       | 25           | 1738                | 596                 | 546                             | 1628                           |



### 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).

Assemble sliding bosses (B) & clamps (C) on radiator with M6x35 csk screws (D). Do not fit finishing caps (E) yet in case positions of pillars need adjusting when fitting to brackets.

Accurately mark out bracket holes on wall using spirit level.

Drill three 10mm diameter holes to a minimum depth of 65mm & insert wall plugs (F).

Screw brackets (G) into wall plugs (F) with 6mm diameter x 70mm screws (I).

Offer radiator up to wall and slide bosses (B) into brackets (G). Use angled bases (H) for top brackets.

Secure in position by tightening M5x12 screw (J).

Press finishing caps (E) into clamps (C).

Plumb radiator to heating circuit with flow opposite air vent.

### Tools & Material Required

Suitable valves  
PTFE tape  
Silicone thread sealant  
Tape measure  
Allen key - 8mm  
Allen key - 12mm (when installing Chatsworth valves)  
Adjustable spanner  
Screwdriver - crosshead  
Electric drill  
Masonry drill bit - 10mm diameter  
Spirit level  
Stepladder (for taller radiators)

| Key | Component                        | Qty |
|-----|----------------------------------|-----|
| A   | Air Vent - 1/2"                  | 1   |
| B   | Sliding Boss                     | 3   |
| C   | Clamp                            | 3   |
| D   | Screw - Csk Head, M6 x 35mm      | 3   |
| E   | Finishing Cap                    | 3   |
| F   | Wall Plug                        | 3   |
| G   | Bracket                          | 3   |
| H   | Angled Base                      | 2   |
| I   | Screw - Hex Head, 6mm dia x 70mm | 3   |
| J   | Screw - Rnd Head, M5 x 12        | 3   |
| K   | Air Vent Key                     | 1   |