



All dimensions shown are in millimetres

Test pressure: **6.8 BAR**
 Max working pressure: **4 BAR**
 Max working temperature: **110° C**
 All steel construction: **38mm x 10.5mm horizontal tubes
 dia 38mm headers**
 Connections: **½ inch BSP underside tapings**

Heat output determined in accordance with EN 442
 Test Laboratory: CETIAT, Test Lab Registration No: 1623

Not suitable for use on domestic hot water system

* rating for simple immersion/CTEC or CTEW in Watts

| Model | Height ± 2mm | Width ± 2mm | Finish | Pipe Centres ± 2mm | Output ΔT=50K | | Output ΔT=30K | | n | Weight kg | Water Content litres | Max. Immersion Rating* |
|-------------|-----------------|----------------|---------|--------------------------|------------------|------|------------------|------|------|--------------|----------------------------|------------------------------|
| | | | | | Watts | Btu | Watts | Btu | | | | |
| ZA-048-040 | 484 | 400 | painted | 350 | 230 | 785 | 122 | 416 | 1.24 | 4.5 | 1.3 | n/a |
| ZA-060-080 | 575 | 800 | painted | 750 | 458 | 1563 | 243 | 829 | 1.24 | 10.2 | 1.7 | 300 |
| ZA-060-090 | 575 | 900 | painted | 850 | 515 | 1757 | 273 | 931 | 1.24 | 11.3 | 1.8 | 300 |
| ZA-060-100 | 575 | 1000 | painted | 950 | 573 | 1955 | 304 | 1037 | 1.24 | 12.4 | 1.8 | 400 |
| ZA-060-120 | 575 | 1200 | painted | 1150 | 687 | 2344 | 365 | 1245 | 1.24 | 14.5 | 1.9 | 400 |
| ZA-080-050 | 836 | 500 | painted | 450 | 427 | 1457 | 226 | 771 | 1.25 | 8.6 | 2.3 | 300 |
| ZA-120-050 | 1188 | 500 | painted | 450 | 586 | 1999 | 311 | 1061 | 1.24 | 12.0 | 3.3 | 400 |
| ZA-120-060 | 1188 | 600 | painted | 550 | 685 | 2337 | 364 | 1242 | 1.24 | 13.7 | 3.5 | 400 |
| ZA-150-040 | 1540 | 400 | painted | 350 | 614 | 2095 | 325 | 1109 | 1.24 | 13.2 | 3.8 | 400 |
| ZA-150-050 | 1540 | 500 | painted | 450 | 738 | 2518 | 392 | 1338 | 1.24 | 15.4 | 4.0 | 500 |
| ZA-150-060 | 1540 | 600 | painted | 550 | 862 | 2941 | 460 | 1570 | 1.23 | 17.6 | 4.6 | 600 |
| ZA-180-050 | 1804 | 500 | painted | 450 | 884 | 3016 | 471 | 1607 | 1.23 | 18.6 | 5.1 | 600 |
| ZA-180-060 | 1804 | 600 | painted | 550 | 1032 | 3521 | 551 | 1880 | 1.23 | 21.3 | 5.4 | 700 |
| ZAC-080-040 | 836 | 400 | chrome | 350 | 250 | 853 | 130 | 444 | 1.28 | 7.4 | 2.3 | 150 |
| ZAC-080-050 | 1188 | 500 | chrome | 450 | 300 | 1024 | 156 | 532 | 1.28 | 8.6 | 2.3 | 200 |
| ZAC-120-040 | 1188 | 400 | chrome | 350 | 340 | 1160 | 177 | 604 | 1.28 | 10.3 | 3.2 | 200 |
| ZAC-120-050 | 1188 | 500 | chrome | 450 | 410 | 1399 | 213 | 727 | 1.28 | 12.0 | 3.3 | 250 |
| ZAC-120-060 | 1188 | 600 | chrome | 550 | 480 | 1638 | 250 | 853 | 1.28 | 13.7 | 3.5 | 300 |
| ZAC-150-050 | 1540 | 500 | chrome | 450 | 520 | 1774 | 270 | 921 | 1.28 | 15.4 | 4.0 | 300 |
| ZAC-150-060 | 1540 | 600 | chrome | 550 | 605 | 2064 | 315 | 1075 | 1.28 | 17.6 | 4.6 | 400 |
| ZAC-180-050 | 1804 | 500 | chrome | 450 | 620 | 2115 | 322 | 1099 | 1.28 | 18.6 | 5.1 | 400 |
| ZAC-180-060 | 1804 | 600 | chrome | 550 | 725 | 2474 | 377 | 1286 | 1.28 | 21.3 | 5.4 | 500 |
| ZAD-120-050 | 1188 | 500 | painted | 450 | 844 | 2880 | 439 | 1498 | 1.28 | 20.6 | 4.4 | n/a |
| ZAD-150-050 | 1540 | 500 | painted | 450 | 1049 | 3579 | 547 | 1866 | 1.27 | 26.5 | 5.3 | n/a |
| ZAD-180-050 | 1804 | 500 | painted | 450 | 1262 | 4306 | 654 | 2231 | 1.29 | 32.2 | 5.7 | n/a |
| ZAD-180-060 | 1804 | 600 | painted | 550 | 1485 | 5067 | 771 | 2631 | 1.28 | 37.6 | 6.9 | n/a |

Issue 1.0



Tools & Material Required

Suitable valves
PTFE tape
Silicone thread sealant
Tape measure
Allen key - 13mm & 12mm (when installing Zehnder valves)
Electric drill
Masonry drill bit - 8mm diameter
Spirit level
Stepladder (for taller radiators)

| Key | Component | Qty |
|-----|------------------------|-----|
| A | Air Vent - 1/8" | 1 |
| B | Wall Plug | 4 |
| C | Bracket | 4 |
| D | Screw - 6mm dia x 50mm | 4 |
| E | Washer | 4 |
| F | Grub Screw | 4 |
| G | Allen Key | 1 |

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).

Accurately mark out bracket holes on wall using spirit level.

Drill four holes & insert wall plugs (B).

Attach brackets (C) to wall with screws (D) & washers (E).

Slide post on radiator into bracket (C) and secure in position by tightening grub screw (F) with allen key (G).

Plumb radiator to heating circuit with flow opposite air vent.

This radiator should be installed onto a central heating system that has been cleaned/flushed and contains water treatment and inhibitors in accordance with BS7593.

