

† Dimensions vary according to bracket position.

With smaller dimension it is not possible to have angled valves back to the wall (see fitting instructions)

All dimensions shown are in millimetres

Test pressure: **5.2 BAR**
 Max working pressure: **4 BAR**
 Max working temperature: **85° C**
 All steel construction: **32mm x 37mm steel headers**
8mm x 70mm steel ribs
1.2mm thick panel - aluminium, copper, brass or stainless steel
 Connections: **½ inch BSP bottom opposite end tapplings**

Heat output determined in accordance with EN 442
 Test Laboratory: 1428WSP

* Mirror finish of this product has a 9% reduction in output

| Model | Height ± 2mm | Width ± 2mm | Finish | Output ΔT=50K | | Output ΔT=30K | | n | Weight kg | Water Content litres |
|------------|-----------------|----------------|--------|------------------|------|------------------|------|------|--------------|----------------------------|
| | | | | Watts | Btu | Watts | Btu | | | |
| HZA056-100 | 601 | 1013 | all | 591 | 2016 | 310 | 1058 | 1.26 | 23.9 | 3.5 |
| HZA056-120 | 601 | 1213 | all | 710 | 2423 | 372 | 1269 | 1.26 | 28.7 | 4.3 |
| HZA056-140 | 601 | 1413 | all | 828 | 2825 | 434 | 1481 | 1.26 | 33.5 | 5.0 |

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Tools & Material Required

- Wall plugs - to suit screws
- Screws - Hex head, 7mm diameter x 55mm length
- Suitable valves
- PTFE tape
- Silicone thread sealant
- Tape measure
- Allen key - 13mm & 12mm (when installing Zehnder valves)
- Spanner - 14mm
- Screwdriver
- Electric drill
- Masonry drill bit - to suit wall plugs
- Spirit level
- Stepladder (for taller radiators)

| Key | Component | Qty |
|-----|-----------------------------------|-----|
| A | Air Vent - 1/4" | 1 |
| B | Blanking Plug | 1 |
| C | Wall Plug* | 4 |
| D | Bracket | 4 |
| E | Screw - hex head, 7mm dia x 55mm* | 4 |

* 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) & blanking plug (B).

Accurately mark out four bracket holes on wall using spirit level, to dimensions as shown on Technical Data Sheet.

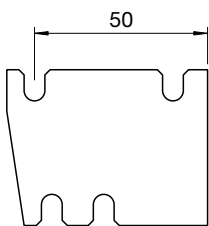
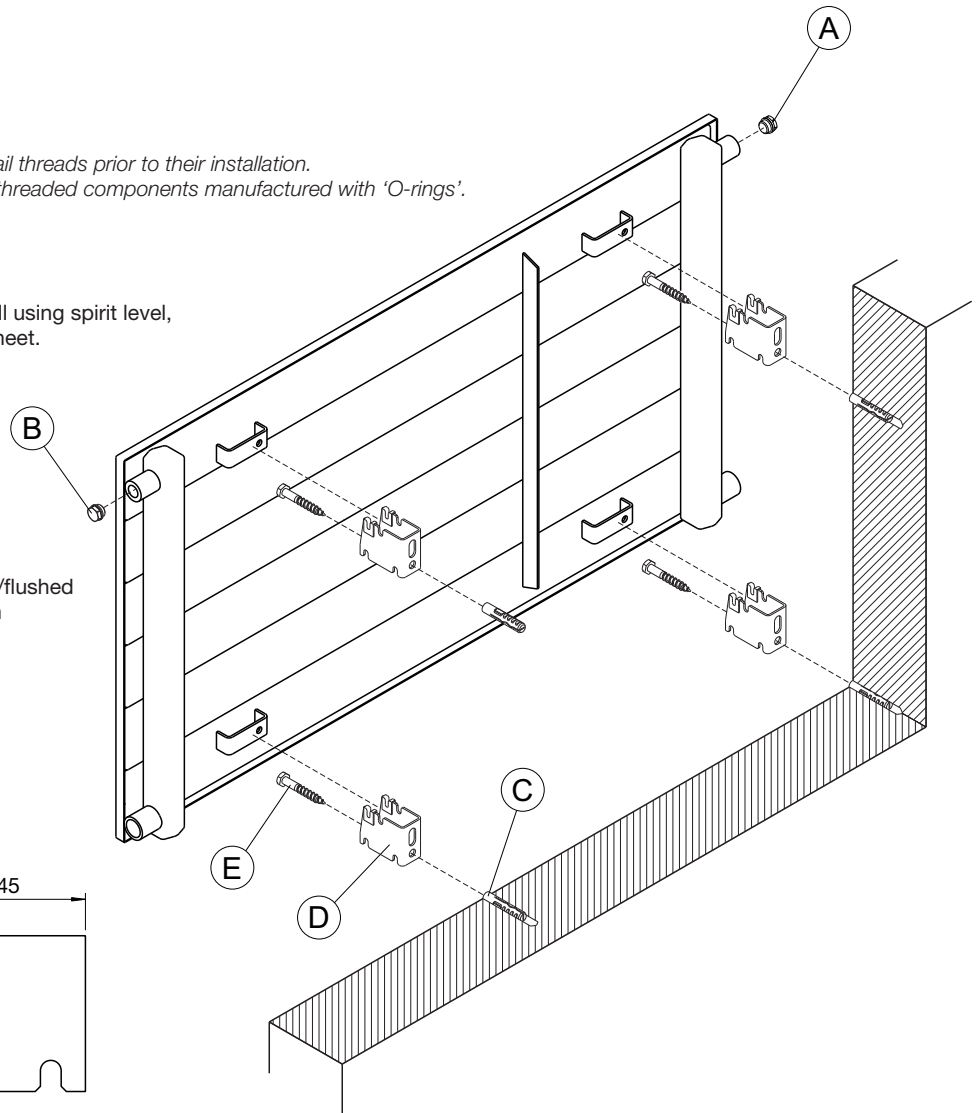
Drill four holes & insert wall plugs (C).

Attach brackets (D) to wall with screws (E).

Hang radiator onto brackets (D).

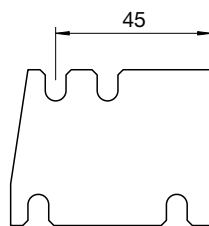
Plumb radiator to heating circuit with flow opposite air vent.

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.



Bracket Position 1

Angled valve sets D,Z,F,K, M & Q can be used for pipe connections from wall

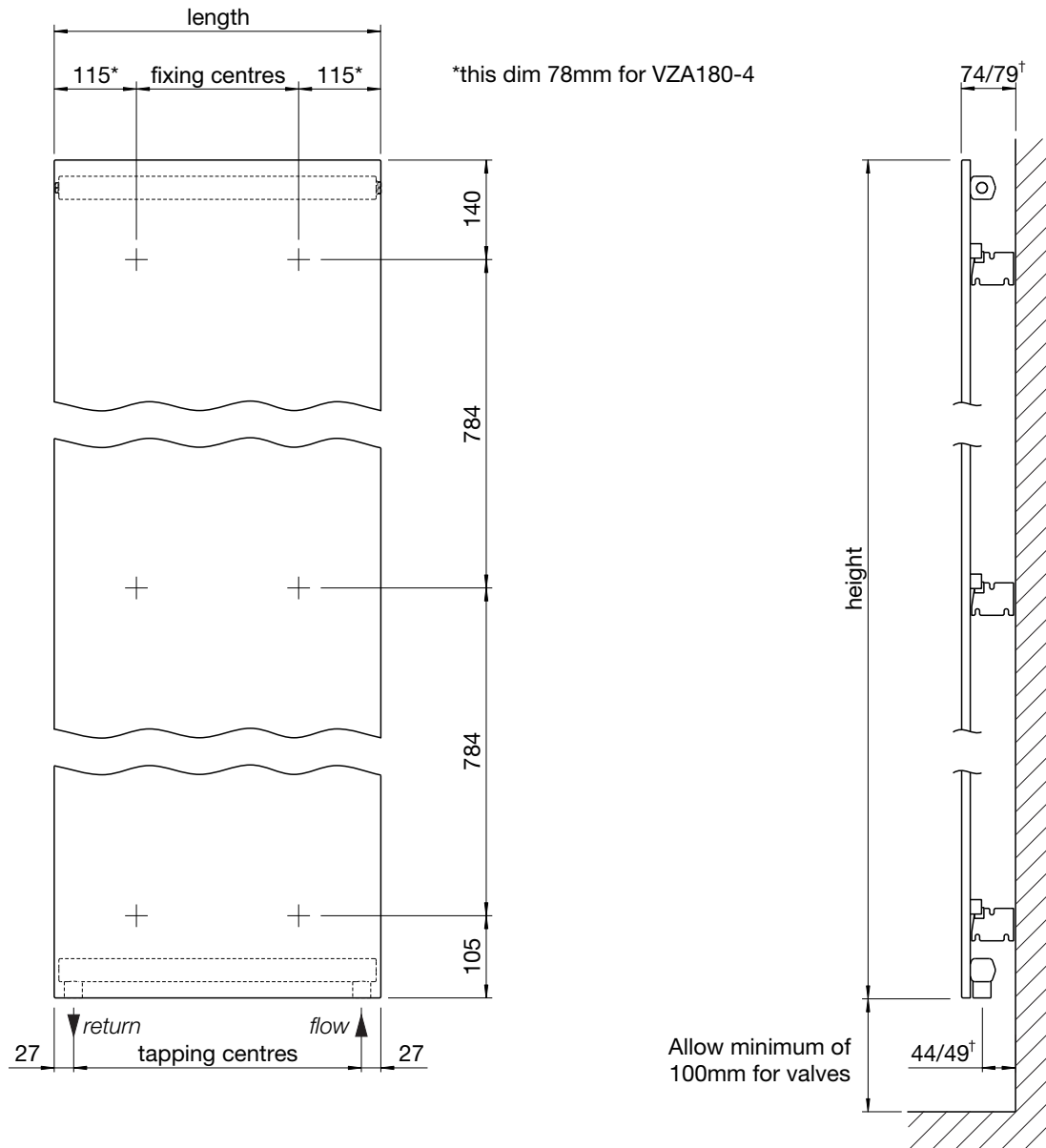


Bracket Position 2

Radiator will be closer to wall, but there will be insufficient space for angled

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All dimensions shown are in millimetres

Test pressure: **5.2 BAR**
 Max working pressure: **4 BAR**
 Max working temperature: **85° C**
 All steel construction: **32mm x 37mm steel headers**
8mm x 70mm steel ribs
1.2mm thick panel - aluminium, copper, brass or stainless steel
 Connections: **1/2 inch BSP underside tappings**

Heat output determined in accordance with EN 442
 Test Laboratory: 1428WSP

† Dimensions vary according to bracket position.
 With smaller dimension it is not possible to have angled valves back to the wall (see fitting instructions)

* Mirror finish of this product has a 9% reduction in output

| Model | Height ± 2mm | Width ± 2mm | Finish | Output ΔT=50K | | Output ΔT=30K | | n | Weight kg | Water Content litres |
|----------|-----------------|----------------|--------|------------------|------|------------------|------|-----|--------------|----------------------------|
| | | | | Watts | Btu | Watts | Btu | | | |
| VZA180-4 | 1813 | 305 | all | 517 | 1764 | 266 | 908 | 1.3 | 22.8 | 2.9 |
| VZA180-6 | 1813 | 453 | all | 780 | 2661 | 401 | 1368 | 1.3 | 34.1 | 4.3 |
| VZA180-8 | 1813 | 601 | all | 1042 | 3555 | 536 | 1829 | 1.3 | 45.5 | 5.8 |

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Tools & Material Required

Wall plugs - to suit screws
Screws - Hex head, 7mm diameter x 55mm length
Suitable valves
PTFE tape
Silicone thread sealant
Tape measure
Allen key - 13mm & 12mm (when installing Zehnder valves)
Spanner - 14mm
Screwdriver
Electric drill
Masonry drill bit - to suit wall plugs
Spirit level
Stepladder (for taller radiators)

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) & blanking plug (B).

Accurately mark out six bracket holes on wall using spirit level, to dimensions as shown on Technical Data Sheet.

Drill four holes & insert wall plugs (C).

Attach brackets (D) to wall with screws (E).

Note: brackets have two possible mounting positions (see below). Increasing the spacing from the wall will allow for angled valves to connect to pipes from the wall.

Hang radiator onto brackets (D).

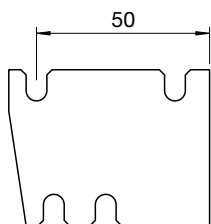
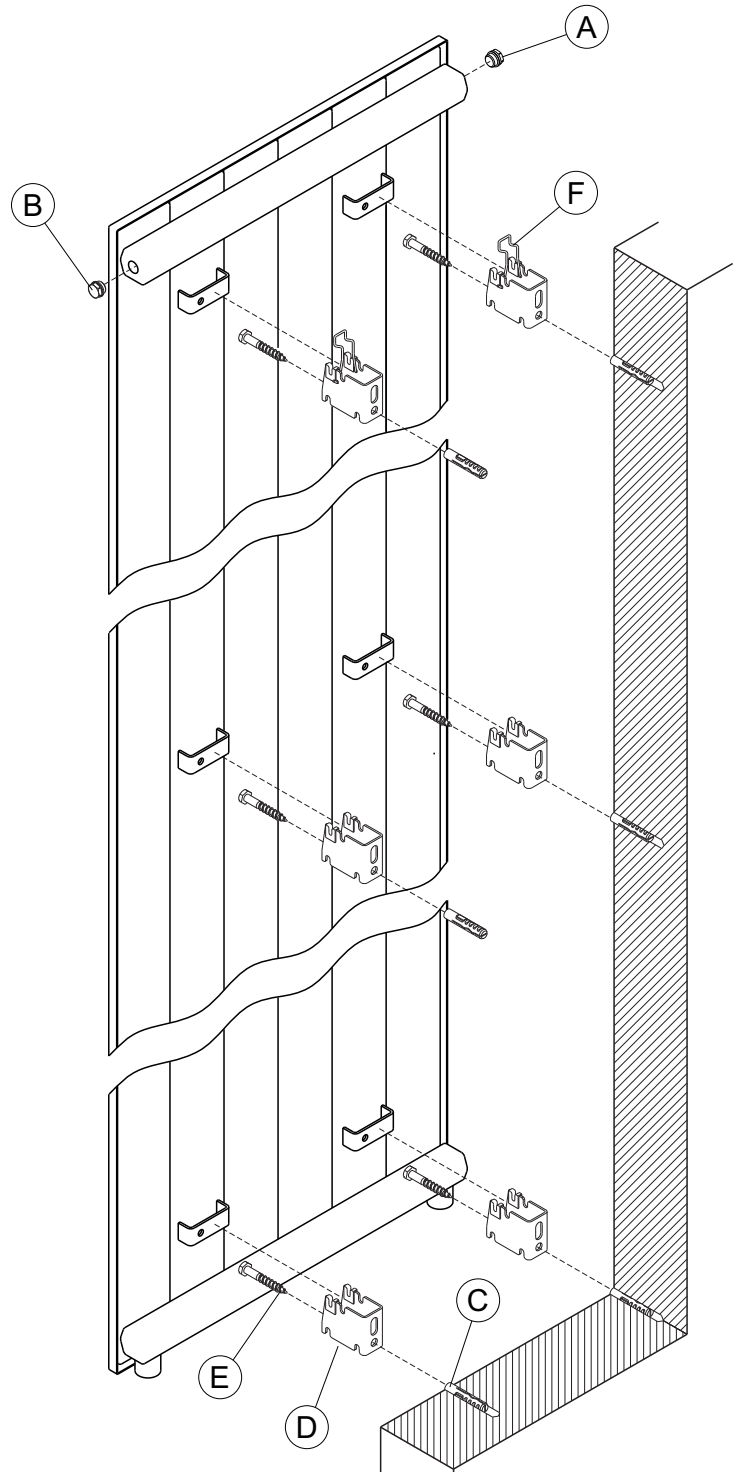
If required, fit security clips (F) in position on top brackets (D).

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.

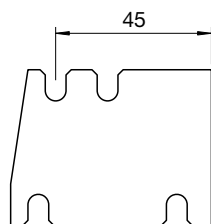
| Key | Component | Qty |
|-----|-----------------------------------|-----|
| A | Air Vent - 1/4" | 1 |
| B | Blanking Plug | 1 |
| C | Wall Plug* | 6 |
| D | Bracket | 6 |
| E | Screw - hex head, 7mm dia x 55mm* | 6 |
| F | Security Clip (optional) | 2 |

* Wall Plugs & Screws not supplied



Bracket Position 1

Angled valve sets D,Z,F,K, M & Q can be used for pipe connections from wall



Bracket Position 2

Radiator will be closer to wall, but there will be insufficient space for angled