

concept ultra 5000

quality vertical flat panel

high output

radiators

**Senso
therm**
heat with style



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quality vertical flat panel high output radiators

First impressions are important.

The good looks, superb finish, exceptional build quality and heating performance of the **concept ultra 5000** range of slim flat-front radiators from **Sensotherm**, offer

a sensibly priced, modern designer radiator giving efficient and economical

heat with style.



innovation gives you freedom . . .

The style of the Sensotherm Concept Ultra 5000 range breaks with convention to bring a fresh approach to incorporating radiators into any project, allowing architects, builders, consulting and heating engineers, the freedom to create heating solutions that harmonise with their designs.

Essential features of the radiators are unobtrusive, slim attractive appearance with integral factory-fitted grilles and side panels, on double panel models, and a smooth flat front panel. Following meticulous engineering and preparation all radiators are subject to a two part coating process that applies an extremely hard and durable white (RAL 9016) epoxy-polyester finish. This results in a radiator with an ultra-smooth finish and no rough edges or sharp corners. If required subsequently radiators can be painted or decorated to combine with specific decor requirements.

making the right choice . . .

Sensotherm Concept Ultra 5000 radiators are offered in single and double panel designs, in five heights - 1200mm, 1400mm, 1600mm, 1800mm, 2000mm and in six widths from 200mm to 700mm in 100mm increments.

With 60 options to choose from, you are sure to find exactly the right radiator size for your needs, no matter what size or shape of area - be it small room or an open plan office.

horizontal radiators . . .

The Sensotherm Concept Ultra 5000 is also available in single, double panel single convactor and double panel horizontal models, in heights from 300 to 900mm and in lengths from 400 to 2000mm offering 165 size options. See separate sales leaflet.

temperature table

The outputs quoted in this leaflet are based on mean water temperature in the radiator of 80°C and room temperature 20°C at Δt 60°C and 70°C and room temperature 20°C at Δt 50°C. For other operating conditions apply factors shown in the tables below, at Δt 60°C figures.

| | | | | | | | | | |
|------|-------|------|-------|------|-------|------|-------|------|-------|
| 5°C | 0.046 | 20°C | 0.256 | 35°C | 0.512 | 50°C | 0.789 | 65°C | 1.104 |
| 10°C | 0.108 | 25°C | 0.338 | 40°C | 0.605 | 55°C | 0.898 | 70°C | 1.211 |
| 15°C | 0.179 | 30°C | 0.432 | 45°C | 0.700 | 60°C | 1.000 | 75°C | 1.319 |

experience the benefits

- Latest technology design & construction to BS 1449 Part 1.
- Manufactured from 1.2mm cold rolled steel.
- Suitable for domestic and commercial applications.
- New build & refurbishment.
- Modern slim-line appearance.
- Fast, economical performance.
- Pressure tested to 188 psi/13bar.
- Supplied ready to install.
- Fast delivery from our own central UK warehouse.
- Easy installation.
- Comprehensive technical support 'Hotline' with a nationwide sales force.
- 60 size and output options.
- Integral grilles with side panels on double panel.
- Single & double panel designs.
- Wide range of heights & lengths.
- Four 1/2" BSP tappings.
- 10 Year guarantee, against failure due to material or manufacture defect.
- Outputs to BS EN 442.

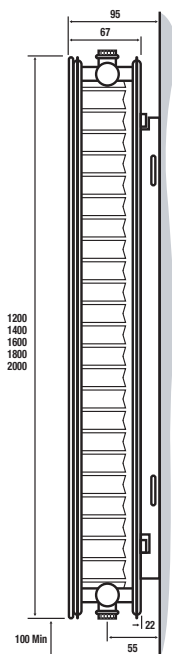
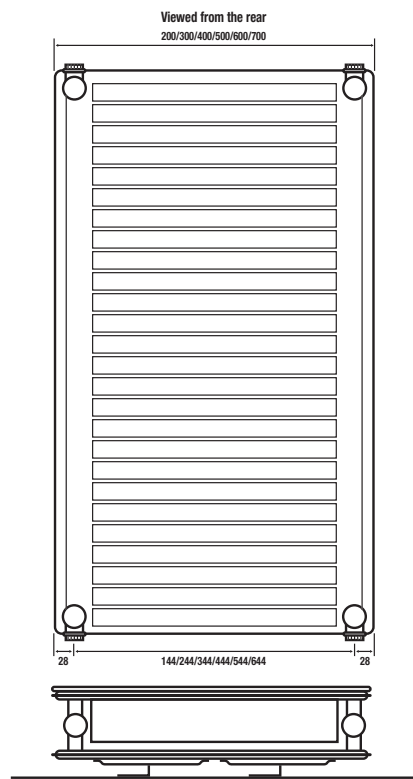
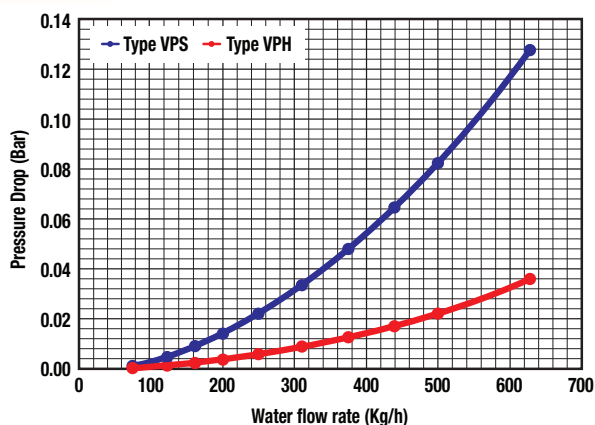


| | | | 5000 SINGLE CONVECTOR | | | | | 5000 DOUBLE CONVECTOR | | | | |
|-------------------------------|----------------|--------------------|-----------------------|---------------------------|----------------|---|---|-----------------------|---------------------------|----------------|---|---|
| | Length (mm) | Length (Inches) | Code | Water Content (Litres) | Weight (Kg) | Output Watts $\Delta T60^{\circ}\text{C}$ | Output Watts $\Delta T50^{\circ}\text{C}$ | Code | Water Content (Litres) | Weight (Kg) | Output Watts $\Delta T60^{\circ}\text{C}$ | Output Watts $\Delta T50^{\circ}\text{C}$ |
| 1200mm 47.2 inches | 200 | 7.9 | VPS212 | 1.2 | 5.9 | 323 | 255 | VPH212 | 2.9 | 14.5 | 702 | 554 |
| | 300 | 11.8 | VPS312 | 1.7 | 9.1 | 484 | 382 | VPH312 | 3.9 | 19.7 | 1053 | 831 |
| | 400 | 15.7 | VPS412 | 2.3 | 12.7 | 646 | 510 | VPH412 | 5.0 | 26.6 | 1404 | 1108 |
| | 500 | 19.7 | VPS512 | 2.9 | 15.4 | 807 | 637 | VPH512 | 6.1 | 32.4 | 1755 | 1385 |
| | 600 | 23.6 | VPS612 | 3.6 | 18.9 | 969 | 765 | VPH612 | 6.9 | 39.9 | 2106 | 1662 |
| | 700 | 27.6 | VPS712 | 4.2 | 21.1 | 1130 | 892 | VPH712 | 8.0 | 44.0 | 2455 | 1938 |
| 1400mm 56.1 inches | 200 | 7.9 | VPS214 | 1.4 | 6.9 | 372 | 294 | VPH214 | 3.4 | 16.9 | 812 | 641 |
| | 300 | 11.8 | VPS314 | 2.0 | 10.7 | 559 | 441 | VPH314 | 4.6 | 23.0 | 1219 | 962 |
| | 400 | 15.7 | VPS414 | 2.7 | 14.8 | 745 | 588 | VPH414 | 5.9 | 31.1 | 1624 | 1282 |
| | 500 | 19.7 | VPS514 | 3.4 | 18 | 931 | 735 | VPH514 | 7.1 | 37.8 | 2031 | 1603 |
| | 600 | 23.6 | VPS614 | 4.2 | 22.1 | 1119 | 883 | VPH614 | 8.1 | 46.6 | 2436 | 1923 |
| | 700 | 27.6 | VPS714 | 4.9 | 24.7 | 1305 | 1030 | VPH714 | 9.3 | 51.3 | 2843 | 2244 |
| 1600mm 63.0 inches | 200 | 7.9 | VPS216 | 1.6 | 7.9 | 426 | 336 | VPH216 | 3.8 | 19.3 | 928 | 733 |
| | 300 | 11.8 | VPS316 | 2.3 | 12.2 | 639 | 504 | VPH316 | 5.3 | 26.3 | 1392 | 1099 |
| | 400 | 15.7 | VPS416 | 3.1 | 16.9 | 851 | 672 | VPH416 | 6.7 | 35.6 | 1856 | 1465 |
| | 500 | 19.7 | VPS516 | 3.9 | 20.6 | 1066 | 841 | VPH516 | 8.2 | 43.2 | 2321 | 1832 |
| | 600 | 23.6 | VPS616 | 4.8 | 25.3 | 1278 | 1009 | VPH616 | 9.3 | 53.3 | 2785 | 2198 |
| | 700 | 27.6 | VPS716 | 5.6 | 28.3 | 1491 | 1177 | VPH716 | 10.7 | 58.6 | 3250 | 2564 |
| 1800mm 70.9 inches | 200 | 7.9 | VPS218 | 1.8 | 8.9 | 479 | 378 | VPH218 | 4.3 | 21.8 | 1044 | 824 |
| | 300 | 11.8 | VPS318 | 2.5 | 13.7 | 718 | 567 | VPH318 | 5.9 | 29.5 | 1566 | 1236 |
| | 400 | 15.7 | VPS418 | 3.5 | 19.0 | 959 | 757 | VPH418 | 7.6 | 40.0 | 2088 | 1648 |
| | 500 | 19.7 | VPS518 | 4.4 | 23.2 | 1199 | 946 | VPH518 | 9.2 | 48.7 | 2610 | 2060 |
| | 600 | 23.6 | VPS618 | 5.4 | 28.5 | 1438 | 1135 | VPH618 | 10.4 | 59.9 | 3133 | 2473 |
| | 700 | 27.6 | VPS718 | 6.3 | 31.8 | 1678 | 1324 | VPH718 | 12.0 | 66.0 | 3655 | 2885 |
| 2000mm 78.7 inches | 200 | 7.9 | VPS220 | 2.0 | 9.9 | 532 | 420 | VPH220 | 4.8 | 24.2 | 1161 | 916 |
| | 300 | 11.8 | VPS320 | 2.8 | 15.2 | 798 | 630 | VPH320 | 6.6 | 32.8 | 1741 | 1374 |
| | 400 | 15.7 | VPS420 | 3.9 | 21.1 | 1066 | 841 | VPH420 | 8.4 | 44.5 | 2321 | 1832 |
| | 500 | 19.7 | VPS520 | 4.9 | 25.8 | 1332 | 1051 | VPH520 | 10.2 | 54.1 | 2900 | 2289 |
| | 600 | 23.6 | VPS620 | 6.0 | 31.6 | 1598 | 1261 | VPH620 | 11.6 | 66.6 | 3480 | 2747 |
| | 700 | 27.6 | VPS720 | 7.0 | 35.3 | 1864 | 1471 | VPH720 | 13.3 | 73.3 | 4061 | 3205 |

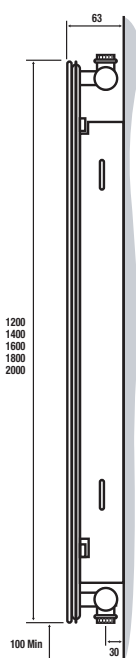
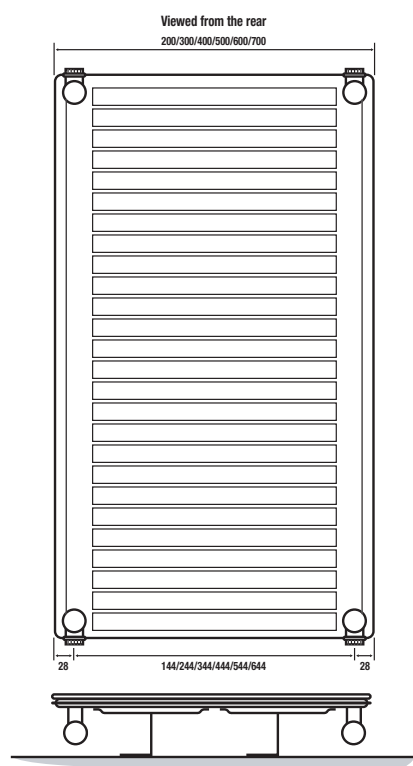


concept ultra 5000 technical information

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Double panel
Secure the large side (44mm) of the bracket to the wall.



Single panel
Secure the small side (22mm) of the bracket to the wall.



Testing & operating pressure.

All radiators are pressure tested to 188 psi/13 bar. They are designed to work at a maximum pressure of 145 psi/10 bar and a maximum temperature of 120°C.

Connections.

Each radiator offers four tapings in 1/2" BSP.

Water Treatment.

Following installation systems should be flushed and filled in accordance with BS 7593 Code of Practice for the treatment of water in Hot Water central heating systems.

It is essential to carry out the procedures laid down in this standard to ensure that any residual contaminants and foreign bodies that might damage the system are removed. The use of corrosion inhibitors to enhance longevity of the system should be subject to manufacturer's instructions and conditions of use. It is particularly important that the fluid used is compatible with the materials employed in the installation.



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