

# RANGE BROCHURE

& PRICE LIST  
JULY 2017



01/07/2017

A DIVISION OF RETTIG (UK) LTD  
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RENOVATION  
NEEDS  
INSPIRATION



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We have over **50 manufacturing, distribution, sales and marketing** locations across the globe

We manufacture and distribute from **23 plants** in **12 different countries**

We have customers in more than **50 countries**

BE PART OF  
**SOMETHING BIGGER**

PART OF THE **RETTIG**  GROUP

Purmo are one of the many brands which form part of the Rettig Group. The Rettig Group is a Finnish family business that creates value for generations through sustainable and long-term growth. The Rettig Group owns Rettig ICC - Europe's leading manufacturer of heat emitters.

Rettig ICC's UK brands include Purmo, MYSON and VOGEL&NOOT. Our state-of-the-art production facilities are carefully located to service local markets, focussing on leading positions in selected markets and customer values.

Rettig UK can offer the widest range of heating solutions available in the UK market.

COMPACT  
type 11, 21S



type 11

ORDER CODE : C11XXXXYYY  
EXAMPLE : C116001200  
radiator \_\_\_\_\_  
type \_\_\_\_\_  
height \_\_\_\_\_  
length \_\_\_\_\_

type 21S

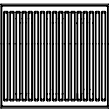
ORDER CODE : C21SXXXXYYY  
EXAMPLE : C21S6001200  
radiator \_\_\_\_\_  
type \_\_\_\_\_  
height \_\_\_\_\_  
length \_\_\_\_\_

COMPACT

The Purmo Compact radiator is a classic, high performance, energy efficient radiator. With a 33mm profile, and high efficiency convector fins, it ensures a leading performance, even when installed on low temperature systems.

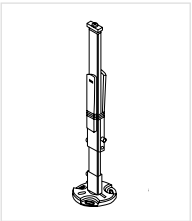
The product range includes type 11, type 21S, type 22 and type 33. With a wide range of heights and lengths available from stock, as well as an extended range on request, it truly is a perfect fit for any room size.

- **Operating pressure:**  
Tested to a pressure of 10.5 bar.  
Working pressure of up to 8 bar.
- **Connections:** 4 x ½" BSP.  
See page 9 for connection options.
- **BIM:** Visit [www.bimstore.co.uk](http://www.bimstore.co.uk) to download the BIM components.
- **Warranty:** 10 years.
- **Accessories:**



**HEIGHT**  
300, 450, 600, 700mm  
**LENGTH**  
400 - 2300mm  
**TYPE**  
C11, C21S, C22, C33

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours (700mm high available in standard RAL 9016 only). See page 52 for colour options.



**1. Universal floor fixing bracket**  
for types 21S, 22, & 33 - refer to page 9 for technical information.  
Code: RH033  
Price: **£29.55** (single piece)



2. Compact towel bar

| length | code    | £     |
|--------|---------|-------|
| 450mm  | 589450  | 27.25 |
| 500mm  | 589500  | 27.25 |
| 600mm  | 589600  | 27.25 |
| 750mm  | 589750  | 27.25 |
| 900mm  | 589900  | 28.12 |
| 1050mm | 5891050 | 28.13 |



**3. Radiator pack**  
TRV and Lockshield.  
Code: 2TRVPURPK  
Price: **£20.29**

| length |               | height  |        |        |        |          |        |
|--------|---------------|---------|--------|--------|--------|----------|--------|
|        |               | type 11 |        |        |        | type 21S |        |
|        |               | 300     | 450    | 600    | 700    | 450      | 600    |
| 400    | 75/65/20 Watt |         | 316    | 407    | 464    | 424      | 536    |
|        | 55/45/20 Watt |         | 162    | 208    | 237    | 218      | 273    |
|        | £             |         | 86.81  | 112.31 | 129.64 | 138.23   | 168.71 |
| 500    | 75/65/20 Watt |         | 395    | 509    | 581    | 530      | 670    |
|        | 55/45/20 Watt |         | 203    | 260    | 297    | 273      | 341    |
|        | £             |         | 108.54 | 140.36 | 162.08 | 166.61   | 210.96 |
| 600    | 75/65/20 Watt | 328     | 474    | 611    | 697    | 636      | 804    |
|        | 55/45/20 Watt | 169     | 243    | 313    | 356    | 327      | 409    |
|        | £             | 197.65  | 130.22 | 168.39 | 194.43 | 192.23   | 234.09 |
| 700    | 75/65/20 Watt |         | 553    | 713    | 813    | 742      | 938    |
|        | 55/45/20 Watt |         | 284    | 365    | 416    | 382      | 478    |
|        | £             |         | 152.00 | 196.46 | 226.87 | 215.61   | 272.87 |
| 800    | 75/65/20 Watt | 437     | 632    | 814    | 929    | 843      | 1072   |
|        | 55/45/20 Watt | 225     | 325    | 417    | 475    | 436      | 546    |
|        | £             | 208.60  | 173.71 | 224.44 | 259.27 | 246.32   | 311.98 |
| 900    | 75/65/20 Watt |         | 711    | 916    | 1045   | 954      | 1206   |
|        | 55/45/20 Watt |         | 365    | 469    | 534    | 491      | 614    |
|        | £             |         | 195.40 | 252.51 | 309.41 | 277.21   | 351.00 |
| 1000   | 75/65/20 Watt | 546     | 790    | 1018   | 1161   | 1060     | 1340   |
|        | 55/45/20 Watt | 281     | 406    | 521    | 594    | 545      | 682    |
|        | £             | 219.13  | 217.13 | 280.58 | 343.80 | 308.13   | 390.05 |
| 1100   | 75/65/20 Watt |         | 869    | 1120   | 1277   | 1166     | 1474   |
|        | 55/45/20 Watt |         | 446    | 573    | 653    | 600      | 751    |
|        | £             |         | 238.84 | 308.62 | 378.10 | 338.77   | 428.87 |
| 1200   | 75/65/20 Watt | 655     | 948    | 1222   | 1393   | 1272     | 1608   |
|        | 55/45/20 Watt | 338     | 487    | 625    | 712    | 654      | 819    |
|        | £             | 262.94  | 260.54 | 336.67 | 412.53 | 369.68   | 467.93 |
| 1300   | 75/65/20 Watt |         | 1027   | 1304   | 1509   | 1378     | 1742   |
|        | 55/45/20 Watt |         | 527    | 677    | 772    | 709      | 887    |
|        | £             |         | 292.11 | 364.74 | 446.89 | 400.35   | 506.97 |
| 1400   | 75/65/20 Watt |         | 1106   | 1425   | 1625   | 1484     | 1876   |
|        | 55/45/20 Watt |         | 568    | 729    | 831    | 764      | 955    |
|        | £             |         | 314.54 | 392.81 | 540.23 | 431.27   | 546.02 |
| 1600   | 75/65/20 Watt | 874     | 1264   | 1629   | 1858   | 1696     | 2144   |
|        | 55/45/20 Watt | 450     | 649    | 834    | 950    | 873      | 1092   |
|        | £             | 354.05  | 416.25 | 519.20 | 617.37 | 533.08   | 674.83 |
| 1800   | 75/65/20 Watt |         | 1422   | 1832   | 2090   | 1908     | 2412   |
|        | 55/45/20 Watt |         | 730    | 938    | 1068   | 982      | 1228   |
|        | £             |         | 468.25 | 583.65 | 694.54 | 599.70   | 759.29 |
| 2000   | 75/65/20 Watt | 1092    | 1580   | 2036   | 2322   | 2120     | 2680   |
|        | 55/45/20 Watt | 563     | 811    | 1042   | 1187   | 1091     | 1365   |
|        | £             | 417.87  | 539.28 | 697.41 | 771.72 | 666.24   | 863.69 |
| 2300   | 75/65/20 Watt |         | 1817   | 2342   |        | 2544     | 3082   |
|        | 55/45/20 Watt |         | 933    | 1198   |        | 1254     | 1569   |
|        | £             |         | 620.13 | 802.07 |        | 766.30   | 970.23 |

| value n       | 1.2981 | 1.3048 | 1.3115 | 1.3133 | 1.3008 | 1.3186 |
|---------------|--------|--------|--------|--------|--------|--------|
| volume : l/m  | 1.70   | 2.35   | 3.00   | 3.50   | 4.80   | 6.20   |
| weight : kg/m | 9.00   | 13.70  | 18.20  | 21.40  | 22.00  | 29.20  |

according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).  
Featured radiators are available from stock, delivery time: 2-5 working days

COMPACT  
type 22, 33



type 22

ORDER CODE : C22XXXXYYY  
EXAMPLE : C226001200  
radiator  
type  
height  
length

type 33

ORDER CODE : C33XXXXYYY  
EXAMPLE : C336001200  
radiator  
type  
height  
length

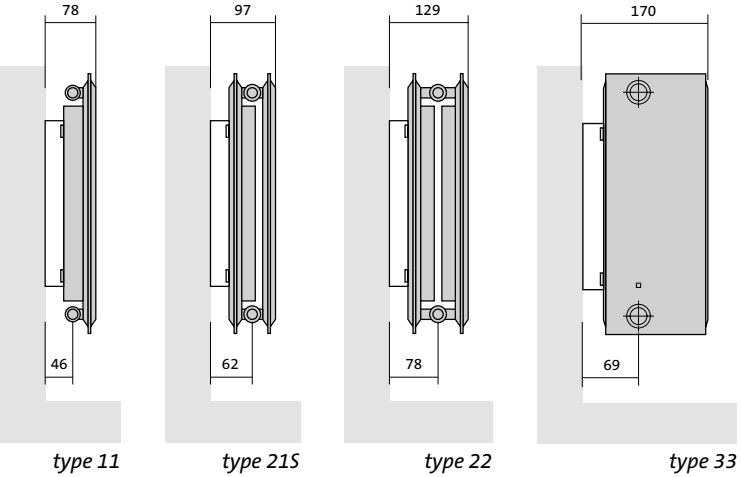
| length |               | height  |         |         |         |         |         |         |         |
|--------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
|        |               | type 22 |         |         |         | type 33 |         |         |         |
|        |               | 300     | 450     | 600     | 700     | 300     | 450     | 600     | 900     |
| 400    | 75/65/20 Watt |         | 539     | 684     | 777     |         |         | 942     |         |
|        | 55/45/20 Watt |         | 274     | 346     | 391     |         |         | 473     |         |
|        | £             |         | 154.32  | 192.19  | 220.98  |         |         | 402.98  |         |
| 500    | 75/65/20 Watt |         | 674     | 855     | 971     |         |         |         |         |
|        | 55/45/20 Watt |         | 343     | 432     | 489     |         |         |         |         |
|        | £             |         | 192.86  | 240.35  | 276.25  |         |         |         |         |
| 600    | 75/65/20 Watt | 577     | 808     | 1025    | 1165    |         |         | 1414    |         |
|        | 55/45/20 Watt | 295     | 411     | 518     | 587     |         |         | 710     |         |
|        | £             | 295.07  | 231.43  | 288.40  | 331.47  |         |         | 524.92  |         |
| 700    | 75/65/20 Watt |         | 943     | 1196    | 1359    |         |         |         |         |
|        | 55/45/20 Watt |         | 480     | 605     | 685     |         |         |         |         |
|        | £             |         | 270.06  | 336.42  | 397.45  |         |         |         |         |
| 800    | 75/65/20 Watt | 769     | 1078    | 1367    | 1554    |         | 1359    | 1885    |         |
|        | 55/45/20 Watt | 394     | 548     | 691     | 783     |         | 691     | 946     |         |
|        | £             | 344.29  | 308.55  | 384.50  | 454.22  |         | 518.58  | 650.81  |         |
| 900    | 75/65/20 Watt |         | 1212    | 1538    | 1748    |         |         |         |         |
|        | 55/45/20 Watt |         | 617     | 777     | 880     |         |         |         |         |
|        | £             |         | 347.17  | 432.52  | 532.08  |         |         |         |         |
| 1000   | 75/65/20 Watt | 961     | 1347    | 1709    | 1942    | 1347    | 1699    | 2356    | 3260    |
|        | 55/45/20 Watt | 492     | 685     | 864     | 978     | 688     | 863     | 1183    | 1627    |
|        | £             | 430.35  | 385.76  | 480.61  | 591.25  | 496.41  | 615.96  | 781.43  | 1195.12 |
| 1100   | 75/65/20 Watt |         | 1482    | 1880    | 2136    |         |         |         |         |
|        | 55/45/20 Watt |         | 754     | 950     | 1076    |         |         |         |         |
|        | £             |         | 424.25  | 528.62  | 650.34  |         |         |         |         |
| 1200   | 75/65/20 Watt | 1153    | 1616    | 2051    | 2330    | 1616    | 2039    | 2827    | 3912    |
|        | 55/45/20 Watt | 591     | 822     | 1037    | 1174    | 826     | 1036    | 1420    | 1953    |
|        | £             | 516.43  | 472.62  | 576.70  | 709.47  | 567.49  | 713.73  | 910.10  | 1395.43 |
| 1300   | 75/65/20 Watt |         | 1750    | 2222    | 2524    |         |         |         |         |
|        | 55/45/20 Watt |         | 891     | 1123    | 1272    |         |         |         |         |
|        | £             |         | 512.03  | 624.73  | 768.66  |         |         |         |         |
| 1400   | 75/65/20 Watt |         | 1886    | 2393    | 2719    | 1886    | 2379    | 3298    | 4564    |
|        | 55/45/20 Watt |         | 960     | 1209    | 1369    | 964     | 1209    | 1656    | 2278    |
|        | £             |         | 551.39  | 672.80  | 968.92  | 637.96  | 809.56  | 1041.31 | 1599.30 |
| 1600   | 75/65/20 Watt | 1538    | 2155    | 2734    | 3107    |         |         |         |         |
|        | 55/45/20 Watt | 788     | 1097    | 1382    | 1565    |         |         |         |         |
|        | £             | 672.22  | 701.64  | 889.18  | 1104.46 |         |         |         |         |
| 1800   | 75/65/20 Watt |         | 2425    | 3076    | 3498    | 2425    | 3058    | 4241    |         |
|        | 55/45/20 Watt |         | 1234    | 1555    | 1761    | 1239    | 1554    | 2129    |         |
|        | £             |         | 818.57  | 1000.25 | 1250.20 | 794.70  | 1019.56 | 1313.89 |         |
| 2000   | 75/65/20 Watt | 1922    | 2694    | 3418    | 3884    | 2694    | 3398    | 4712    |         |
|        | 55/45/20 Watt | 985     | 1371    | 1728    | 1956    | 1377    | 1726    | 2366    |         |
|        | £             | 838.09  | 909.54  | 1193.76 | 1386.99 | 871.90  | 1117.71 | 1445.91 |         |
| 2300   | 75/65/20 Watt |         | 3097    | 3931    |         |         |         |         |         |
|        | 55/45/20 Watt |         | 1576    | 1987    |         |         |         |         |         |
|        | £             |         | 1046.01 | 1372.77 |         |         |         |         |         |

|               |        |        |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| value n       | 1.3110 | 1.3226 | 1.3432 | 1.3482 | 1.3140 | 1.3255 | 1.3486 | 1.3600 |
| volume : l/m  | 3.40   | 4.80   | 6.20   | 7.00   | 5.10   | 7.50   | 9.80   | 13.30  |
| weight : kg/m | 17.20  | 25.40  | 34.00  | 40.00  | 24.90  | 36.90  | 50.10  | 75.80  |

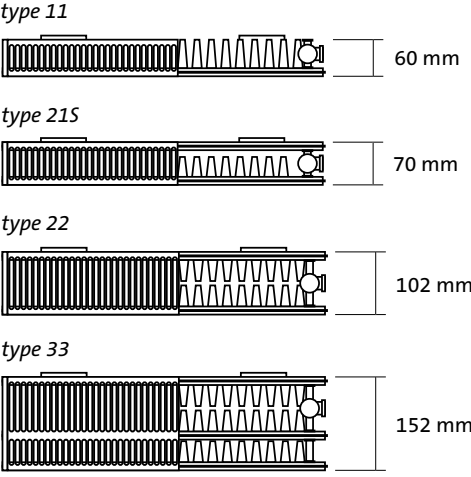
according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).  
Featured radiators are available from stock, delivery time: 2-5 working days

COMPACT

SIDE VIEW

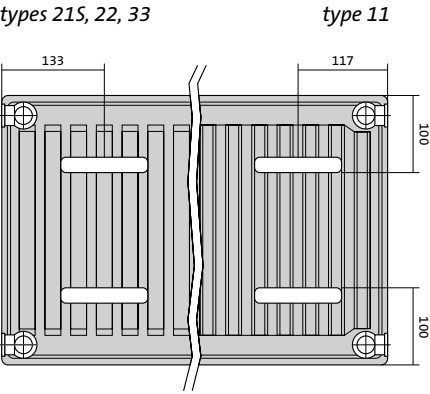


TOP VIEW



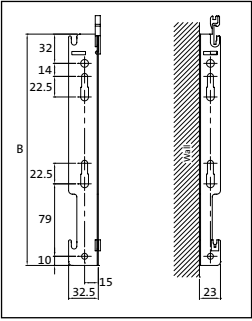
Dimensions based on using the short leg on types 11 and 33 and the long leg on types 21S and 22.

INSTALLATION



BRACKETS

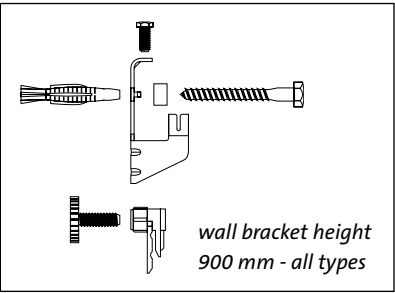
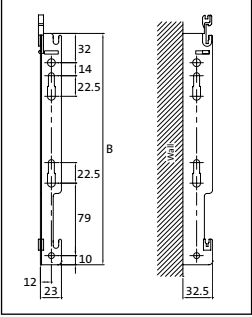
wall bracket types 11 & 33



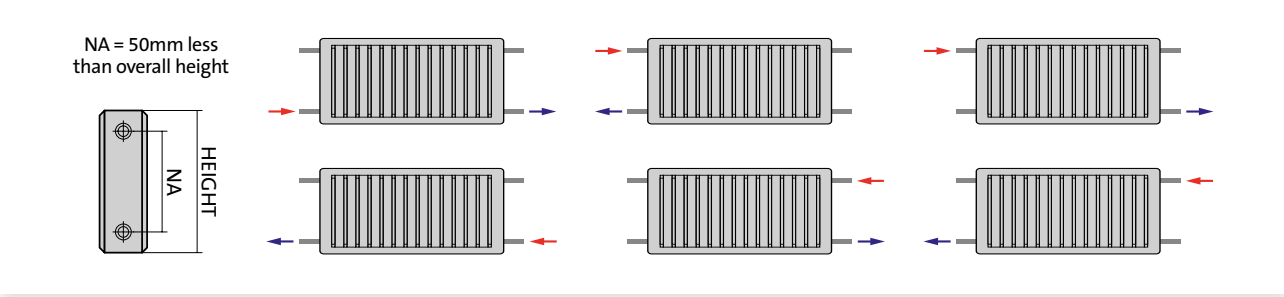
floor bracket types 21S, 22 & 33

RH033  
Radiator to wall distance: Any  
Maximum load of a single bracket:  
Vertically - 180kg  
Pulling - 35kg

wall bracket types 21S & 22



CONNECTION OPTIONS



Dimensions in mm



PLAN COMPACT

The outstanding characteristic of the Plan Compact is its stylish flat front with lucent lamination, which consists of attached top and side panels. These cover the Plan Compact in such a way that no overlapping corners can be seen from the front.

Accessories included in the packaging and the price:  
'L' brackets, 1 airvent, 1 blank cap, screws and plugs.

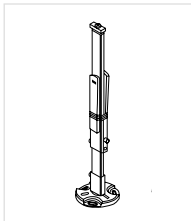
**HEIGHT**  
300, 400, 500, 600mm

**LENGTH**  
400 - 3000mm

**TYPE**  
PC11, PC21S, PC22

**FINISH**  
White RAL 9016

- Operating pressure:**  
Tested to a pressure of 13 bar.  
Working pressure of up to 10 bar.
- Connections:** 4 x ½" BSP.  
See page 12 for connection options.
- Warranty:** 10 years.
- Accessories:**



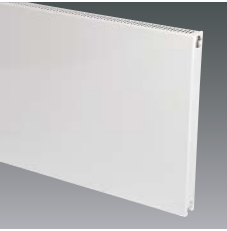
**1. Universal floor fixing bracket**  
for types 21S & 22 - refer to  
page 12 for technical information.  
Code: RH033  
Price: £29.55 (single piece)



**2. Radiator pack**  
TRV and Lockshield.  
Code: 2TRVPURPK  
Price: £20.29

PLAN COMPACT

type 11, 21S, 22



type 11

ORDER CODE : PC11XXXXXXXXXX  
EXAMPLE : PC116001200

radiator

type

height

length

type 21S

ORDER CODE : PC21SXXXXXXXXXX  
EXAMPLE : PC21S6001200

radiator

type

height

length

type 22

ORDER CODE : PC22XXXXXXXXXX  
EXAMPLE : PC226001200

radiator

type

height

length

| length |               | type 11 |        |        |        | height |        | type 22 |        |        |  |
|--------|---------------|---------|--------|--------|--------|--------|--------|---------|--------|--------|--|
|        |               | 300     | 400    | 500    | 600    | 600    | 300    | 400     | 500    | 600    |  |
| 400    | 75/65/20 Watt |         | 272    | 329    | 384    | 515    |        | 479     | 578    | 670    |  |
|        | 55/45/20 Watt |         | 141    | 171    | 200    | 266    |        | 245     | 294    | 340    |  |
|        | £             |         | 129.91 | 141.63 | 150.81 | 161.85 |        | 146.21  | 165.45 | 175.16 |  |
| 600    | 75/65/20 Watt | 317     | 408    | 494    | 577    | 773    | 562    | 719     | 866    | 1006   |  |
|        | 55/45/20 Watt | 165     | 212    | 256    | 299    | 398    | 289    | 368     | 442    | 510    |  |
|        | £             | 135.31  | 151.91 | 167.21 | 180.05 | 197.85 | 149.25 | 176.73  | 199.45 | 216.93 |  |
| 800    | 75/65/20 Watt |         | 544    | 658    | 769    | 1030   |        | 958     | 1155   | 1341   |  |
|        | 55/45/20 Watt |         | 283    | 342    | 399    | 531    |        | 491     | 589    | 680    |  |
|        | £             |         | 173.16 | 191.97 | 209.27 | 234.86 |        | 206.85  | 236.49 | 260.56 |  |
| 1000   | 75/65/20 Watt | 529     | 680    | 823    | 961    | 1288   | 937    | 1198    | 1444   | 1676   |  |
|        | 55/45/20 Watt | 275     | 353    | 427    | 499    | 664    | 482    | 614     | 736    | 850    |  |
|        | £             | 166.87  | 193.12 | 215.79 | 240.46 | 274.10 | 191.08 | 237.09  | 272.54 | 309.75 |  |
| 1200   | 75/65/20 Watt |         | 816    | 988    | 1153   | 1546   |        | 1438    | 1733   | 2011   |  |
|        | 55/45/20 Watt |         | 424    | 513    | 599    | 797    |        | 736     | 883    | 1020   |  |
|        | £             |         | 216.31 | 244.18 | 269.30 | 310.89 |        | 269.84  | 313.34 | 348.45 |  |
| 1400   | 75/65/20 Watt | 741     | 952    | 1152   | 1345   | 1803   | 1312   | 1677    | 2022   | 2346   |  |
|        | 55/45/20 Watt | 385     | 494    | 598    | 699    | 930    | 675    | 859     | 1030   | 1190   |  |
|        | £             | 204.66  | 240.07 | 272.29 | 304.14 | 355.37 | 241.35 | 304.14  | 355.62 | 399.07 |  |
| 1600   | 75/65/20 Watt |         | 1088   | 1317   | 1538   | 2061   |        | 1917    | 2310   | 2682   |  |
|        | 55/45/20 Watt |         | 565    | 684    | 798    | 1063   |        | 982     | 1177   | 1360   |  |
|        | £             |         | 263.14 | 302.52 | 335.95 | 395.22 |        | 337.57  | 398.18 | 444.95 |  |
| 1800   | 75/65/20 Watt |         | 1224   | 1481   | 1730   | 2318   |        | 2156    | 2599   | 3017   |  |
|        | 55/45/20 Watt |         | 636    | 769    | 898    | 1195   |        | 1104    | 1325   | 1530   |  |
|        | £             |         | 293.45 | 337.76 | 379.93 | 445.30 |        | 379.23  | 452.39 | 500.51 |  |
| 2000   | 75/65/20 Watt | 1058    | 1360   | 1646   | 1922   | 2576   | 1874   | 2396    | 2888   | 3352   |  |
|        | 55/45/20 Watt | 550     | 706    | 855    | 998    | 1328   | 965    | 1227    | 1472   | 1700   |  |
|        | £             | 274.03  | 323.76 | 372.94 | 414.42 | 486.10 | 323.08 | 412.76  | 489.06 | 547.45 |  |
| 2300   | 75/65/20 Watt |         |        |        | 2210   |        |        |         |        | 3855   |  |
|        | 55/45/20 Watt |         |        |        | 1148   |        |        |         |        | 1955   |  |
|        | £             |         |        |        | 447.66 |        |        |         |        | 590.28 |  |
| 2600   | 75/65/20 Watt |         |        |        | 2499   |        |        |         |        | 4358   |  |
|        | 55/45/20 Watt |         |        |        | 1297   |        |        |         |        | 2210   |  |
|        | £             |         |        |        | 514.23 |        |        |         |        | 684.40 |  |
| 3000   | 75/65/20 Watt |         |        |        | 2883   |        |        |         |        | 5028   |  |
|        | 55/45/20 Watt |         |        |        | 1497   |        |        |         |        | 2549   |  |
|        | £             |         |        |        | 581.62 |        |        |         |        | 777.10 |  |

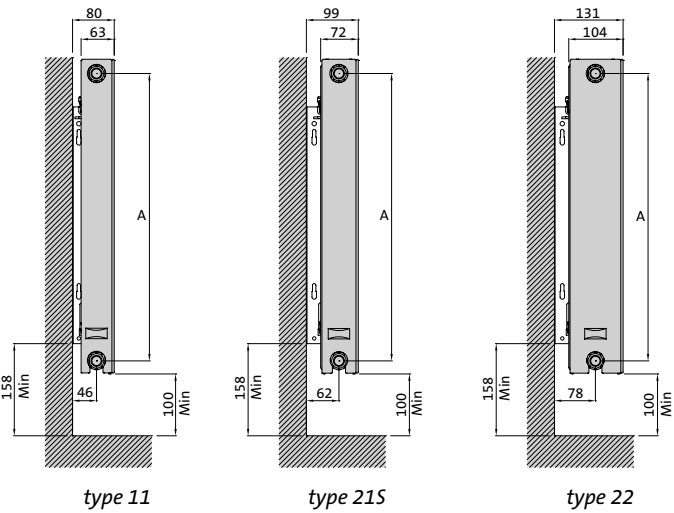
| value n       | 1.2820 | 1.2824 | 1.2827 | 1.2831 | 1.2967 | 1.3000 | 1.3098 | 1.3197 | 1.3295 |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| volume : l/m  | 1.50   | 2.20   | 2.90   | 3.40   | 6.10   | 3.20   | 4.20   | 5.20   | 6.10   |
| weight : kg/m | 11.70  | 16.10  | 20.50  | 24.80  | 33.70  | 19.10  | 25.10  | 31.50  | 38.00  |

according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

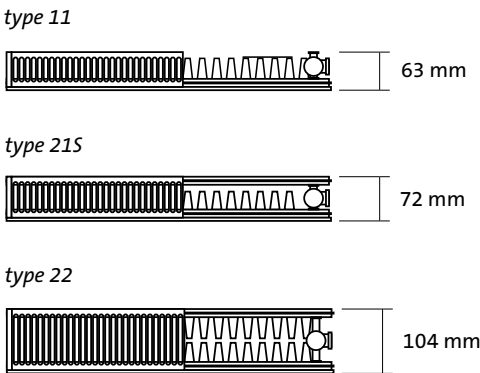
Featured radiators are available from stock, delivery time: 2-5 working days

TECHNICAL INFORMATION

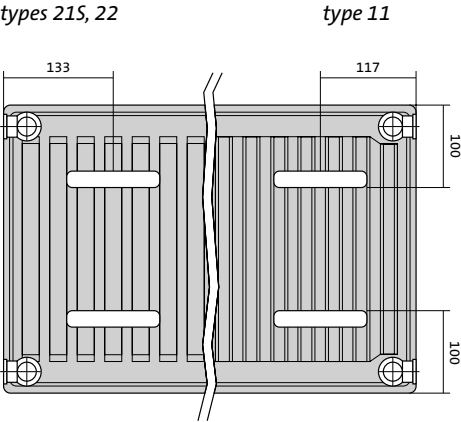
SIDE VIEW



TOP VIEW

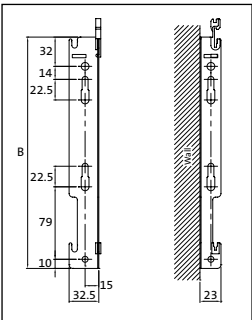


INSTALLATION

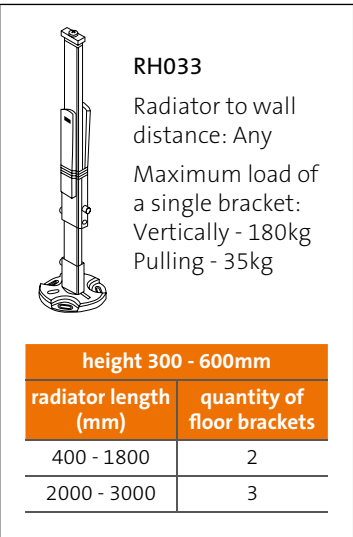


BRACKETS

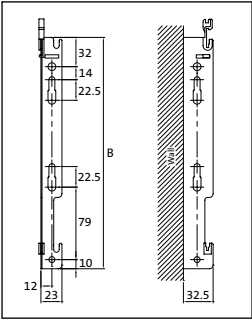
wall bracket type 11



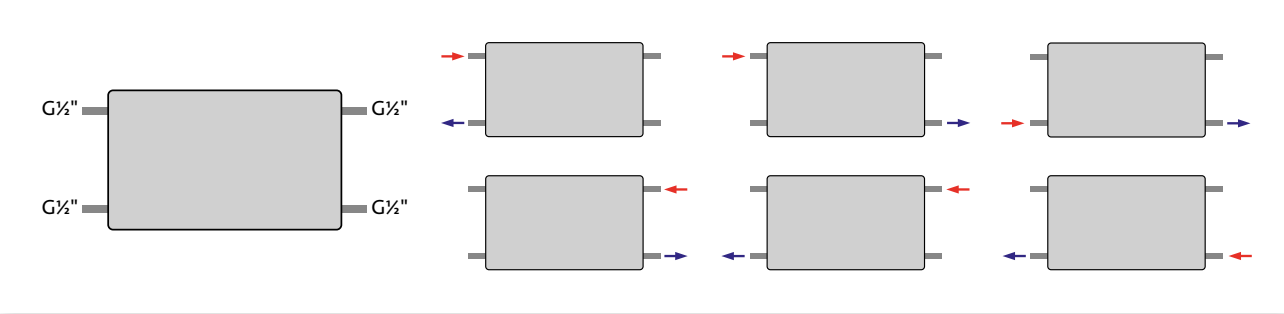
floor bracket types 21S & 22



wall bracket types 21S & 22



CONNECTION OPTIONS



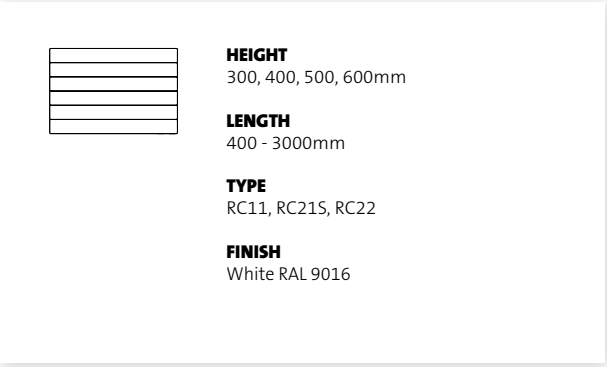
Dimensions in mm



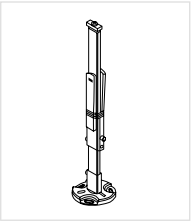
RAMO COMPACT

The outstanding characteristic of the Ramo Compact is its stylish decorative front with lucent lamination, which consists of attached top and side panels. These cover the Ramo Compact in such a way that no overlapping corners can be seen from the front.

Accessories included in the packaging and the price: 'L' brackets, 1 airvent, 1 blank cap, screws and plugs.



- **Operating pressure:**  
Tested to a pressure of 13 bar.  
Working pressure of up to 10 bar.
- **Connections:** 4 x ½" BSP.  
See page 15 for connection options.
- **Warranty:** 10 years.
- **Accessories:**



**1. Universal floor fixing bracket**  
for types 21S & 22 - refer to page 15 for technical information.  
Code: RH033  
Price: £29.55 (single piece)



**2. Radiator pack**  
TRV and Lockshield.  
Code: 2TRVPURPK  
Price: £20.29

RAMO COMPACT

type 11, 21S, 22



type 11

ORDER CODE : **RC11**XXXXYYY  
EXAMPLE : RC116001200

radiator  
type  
height  
length

type 21S

ORDER CODE : **RC21S**XXXXYYY  
EXAMPLE : RC21S6001200

radiator  
type  
height  
length

type 22

ORDER CODE : **RC22**XXXXYYY  
EXAMPLE : RC226001200

radiator  
type  
height  
length

| length |               | type 11 |        |        |        | height          | type 22 |        |        |        |
|--------|---------------|---------|--------|--------|--------|-----------------|---------|--------|--------|--------|
|        |               | 300     | 400    | 500    | 600    | type 21S<br>600 | 300     | 400    | 500    | 600    |
| 400    | 75/65/20 Watt |         | 272    | 329    | 384    | 515             |         | 479    | 578    | 670    |
|        | 55/45/20 Watt |         | 141    | 171    | 200    | 266             |         | 245    | 294    | 340    |
|        | £             |         | 112.11 | 122.23 | 130.16 | 139.68          |         | 126.18 | 142.79 | 151.16 |
| 600    | 75/65/20 Watt | 317     | 408    | 494    | 577    | 773             | 562     | 719    | 866    | 1006   |
|        | 55/45/20 Watt | 165     | 212    | 256    | 299    | 398             | 289     | 368    | 442    | 510    |
|        | £             | 116.78  | 131.09 | 144.29 | 155.38 | 170.74          | 128.81  | 152.51 | 172.12 | 187.22 |
| 800    | 75/65/20 Watt |         | 544    | 658    | 769    | 1030            |         | 958    | 1155   | 1341   |
|        | 55/45/20 Watt |         | 283    | 342    | 399    | 531             |         | 491    | 589    | 680    |
|        | £             |         | 149.43 | 165.67 | 180.60 | 202.69          |         | 178.51 | 204.09 | 224.86 |
| 1000   | 75/65/20 Watt | 529     | 680    | 823    | 961    | 1288            | 937     | 1198   | 1444   | 1676   |
|        | 55/45/20 Watt | 275     | 353    | 427    | 499    | 664             | 482     | 614    | 736    | 850    |
|        | £             | 144.01  | 166.65 | 186.23 | 207.51 | 236.55          | 164.91  | 204.60 | 235.20 | 267.31 |
| 1200   | 75/65/20 Watt |         | 816    | 988    | 1153   | 1546            |         | 1438   | 1733   | 2011   |
|        | 55/45/20 Watt |         | 424    | 513    | 599    | 797             |         | 736    | 883    | 1020   |
|        | £             |         | 186.67 | 210.72 | 232.40 | 268.29          |         | 232.87 | 270.41 | 300.71 |
| 1400   | 75/65/20 Watt | 741     | 952    | 1152   | 1345   | 1803            | 1312    | 1677   | 2022   | 2346   |
|        | 55/45/20 Watt | 385     | 494    | 598    | 699    | 930             | 675     | 859    | 1030   | 1190   |
|        | £             | 176.62  | 207.18 | 234.98 | 262.47 | 306.68          | 208.29  | 262.47 | 306.90 | 344.40 |
| 1600   | 75/65/20 Watt |         | 1088   | 1317   | 1538   | 2061            |         | 1917   | 2310   | 2682   |
|        | 55/45/20 Watt |         | 565    | 684    | 798    | 1063            |         | 982    | 1177   | 1360   |
|        | £             |         | 227.09 | 261.08 | 289.92 | 341.08          |         | 291.32 | 343.63 | 383.99 |
| 1800   | 75/65/20 Watt |         | 1224   | 1481   | 1730   | 2318            |         | 2156   | 2599   | 3017   |
|        | 55/45/20 Watt |         | 636    | 769    | 898    | 1195            |         | 1104   | 1325   | 1530   |
|        | £             |         | 253.24 | 291.48 | 327.88 | 384.29          |         | 327.27 | 390.41 | 431.95 |
| 2000   | 75/65/20 Watt | 1058    | 1360   | 1646   | 1922   | 2576            | 1874    | 2396   | 2888   | 3352   |
|        | 55/45/20 Watt | 550     | 706    | 855    | 998    | 1328            | 965     | 1227   | 1472   | 1700   |
|        | £             | 236.48  | 279.41 | 321.86 | 357.64 | 419.51          | 278.82  | 356.20 | 422.06 | 472.45 |
| 2300   | 75/65/20 Watt |         |        |        | 2210   |                 |         |        |        | 3855   |
|        | 55/45/20 Watt |         |        |        | 1148   |                 |         |        |        | 1955   |
|        | £             |         |        |        | 386.34 |                 |         |        |        | 509.41 |
| 2600   | 75/65/20 Watt |         |        |        | 2499   |                 |         |        |        | 4358   |
|        | 55/45/20 Watt |         |        |        | 1297   |                 |         |        |        | 2210   |
|        | £             |         |        |        | 443.78 |                 |         |        |        | 590.64 |
| 3000   | 75/65/20 Watt |         |        |        | 2883   |                 |         |        |        | 5028   |
|        | 55/45/20 Watt |         |        |        | 1497   |                 |         |        |        | 2549   |
|        | £             |         |        |        | 501.93 |                 |         |        |        | 670.63 |

| value n       | 1.2820 | 1.2824 | 1.2827 | 1.2831 | 1.2967 | 1.3000 | 1.3098 | 1.3197 | 1.3295 |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| volume : l/m  | 1.50   | 2.20   | 2.90   | 3.40   | 6.10   | 3.20   | 4.20   | 5.20   | 6.10   |
| weight : kg/m | 11.70  | 16.10  | 20.50  | 24.80  | 33.70  | 19.10  | 25.10  | 31.50  | 38.00  |

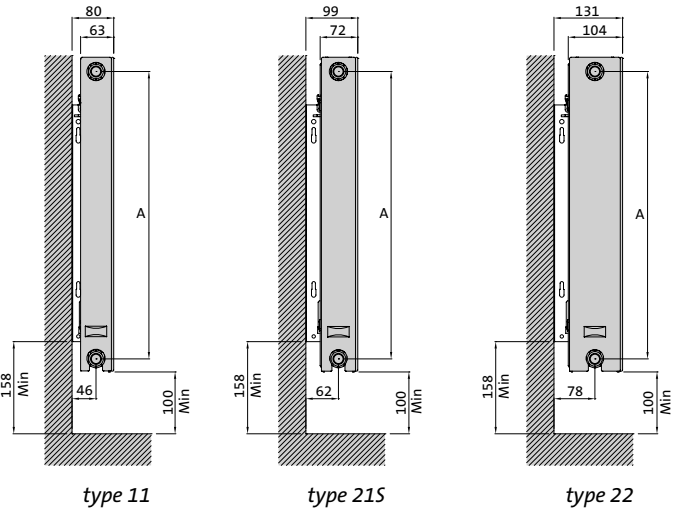
according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2-5 working days

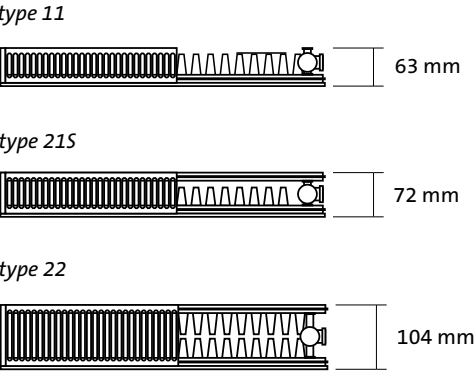
RAMO COMPACT

TECHNICAL INFORMATION

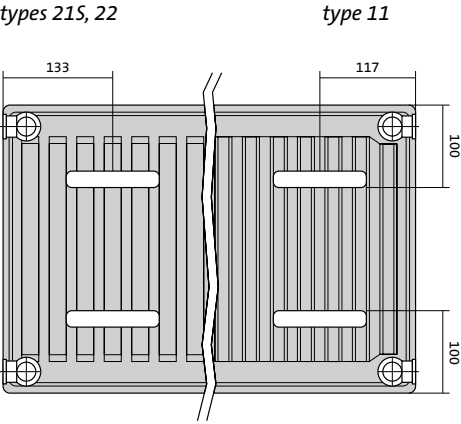
SIDE VIEW



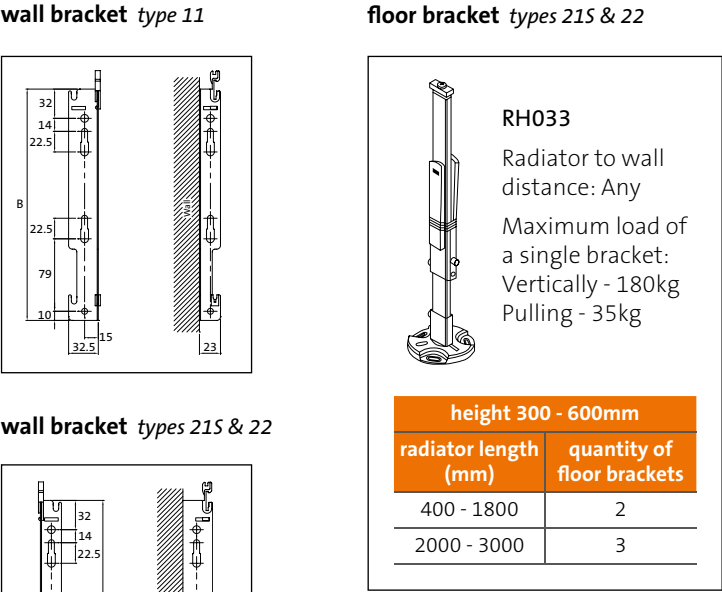
TOP VIEW



INSTALLATION

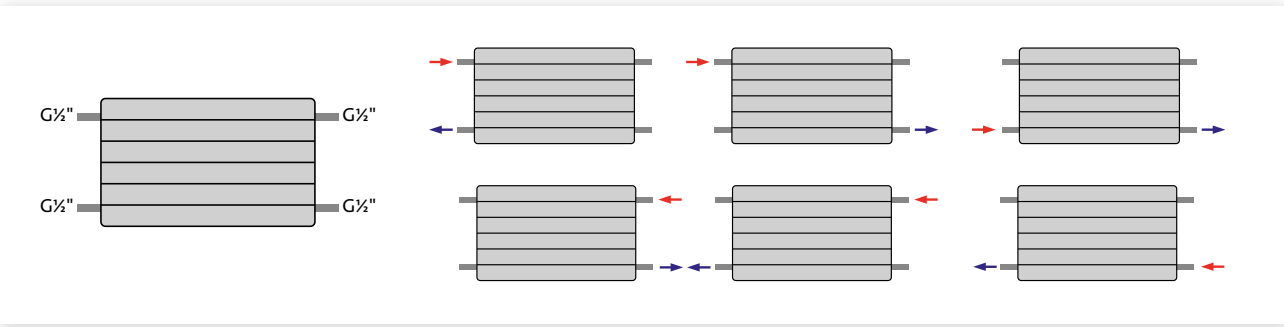


BRACKETS



CONNECTION OPTIONS

4 x ½" BSP, ISO 228, lateral.



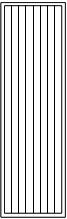
Dimensions in mm



VERTICAL

Purmo Vertical panel radiators are a vertical variant intended for installation on narrow and tall fragments of walls. The radiators are equipped with convection fins (except for types 10 & 20) and side covers (except for type 10). They have no top grille.

Accessories included in the packaging and the price: brackets, 2 side covers (except for type 10), installation clips, 1 rotating airvent, 3 blank caps, screws and plugs.



**HEIGHT**  
1500, 1800, 1950mm

**WIDTH**  
300, 450, 600, 750mm

**TYPE**  
VR10, VR20, VR21S, VR22

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours. See page 52 for colour options.

- **Operating pressure:**  
Tested to a pressure of 8 bar.  
Working pressure of up to 6 bar.
- **Connections:** 6 x ½" BSP.  
See page 18 for connection options.
- **Warranty:** 10 years.
- **Accessories:**



**1. Towel bar**  
for all types.

| width | code       | £            |
|-------|------------|--------------|
| 300mm | VRTRAIL300 | <b>25.27</b> |
| 450mm | VRTRAIL450 | <b>25.27</b> |
| 600mm | VRTRAIL600 | <b>26.40</b> |
| 750mm | VRTRAIL750 | <b>29.06</b> |



**2. Radiator pack**  
TRV and Lockshield -  
for standard 4 tap connection.  
**Code:** 2TRVPURPK  
**Price:** £20.29

**3. Valve sets**  
for mid connection - see  
accessories page 54 for options.

VERTICAL

type 10, 20, 21S, 22



**type 10**  
ORDER CODE : VR10XXXXYYY  
EXAMPLE : VR101800600  
radiator  
type  
height  
width

**type 20**  
ORDER CODE : VR20XXXXYYY  
EXAMPLE : VR201800600  
radiator  
type  
height  
width

**type 21S**  
ORDER CODE : VR21SXXXXYYY  
EXAMPLE : VR21S1800600  
radiator  
type  
height  
width

**type 22**  
ORDER CODE : VR22XXXXYYY  
EXAMPLE : VR221800600  
radiator  
type  
height  
width

| width |               | height  |        |        |         |        |          |        |         |        |
|-------|---------------|---------|--------|--------|---------|--------|----------|--------|---------|--------|
|       |               | type 10 |        |        | type 20 |        | type 21S |        | type 22 |        |
|       |               | 1500    | 1800   | 1950   | 1800    | 1950   | 1800     | 1950   | 1800    | 1950   |
| 300   | 75/65/20 Watt |         |        |        | 819     | 877    | 963      | 1020   | 1132    | 1192   |
|       | 55/45/20 Watt |         |        |        | 420     | 448    | 486      | 514    | 566     | 594    |
|       | £             |         |        |        | 277.57  | 294.39 | 347.37   | 371.50 | 394.71  | 424.32 |
| 450   | 75/65/20 Watt | 650     | 765    | 819    | 1229    | 1315   | 1445     | 1530   | 1698    | 1788   |
|       | 55/45/20 Watt | 335     | 389    | 413    | 629     | 672    | 729      | 771    | 849     | 892    |
|       | £             | 159.07  | 180.60 | 190.46 | 300.38  | 318.62 | 375.95   | 402.07 | 427.17  | 459.22 |
| 600   | 75/65/20 Watt | 867     | 1020   | 1092   | 1638    | 1753   | 1926     | 2040   | 2264    | 2384   |
|       | 55/45/20 Watt | 447     | 518    | 551    | 839     | 896    | 972      | 1028   | 1132    | 1189   |
|       | £             | 178.72  | 204.12 | 215.97 | 347.24  | 369.28 | 435.34   | 467.42 | 486.57  | 526.64 |
| 750   | 75/65/20 Watt |         | 1275   | 1365   | 2048    | 2192   | 2408     | 2550   | 2830    | 2980   |
|       | 55/45/20 Watt |         | 648    | 689    | 1049    | 1120   | 1215     | 1285   | 1415    | 1486   |
|       | £             |         | 232.44 | 246.30 | 400.63  | 426.30 | 502.20   | 540.37 | 565.93  | 614.35 |

| value n     | 1.2976 | 1.3246 | 1.3381 | 1.3094 | 1.3135 | 1.3384 | 1.3422 | 1.3566 | 1.3619 |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| volume l/m  | 9.83   | 10.13  | 11.07  | 21.83  | 23.78  | 21.47  | 24.13  | 21.60  | 23.13  |
| weight kg/m | 31.33  | 37.47  | 38.67  | 71.33  | 77.07  | 83.07  | 91.33  | 93.87  | 102.33 |

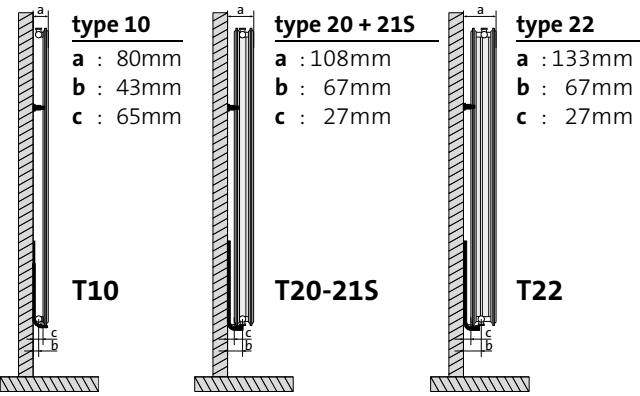
according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30) • heat outputs are measured with bottom connection  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2-5 working days

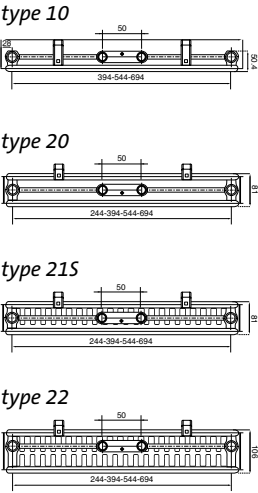
TECHNICAL INFORMATION

VERTICAL

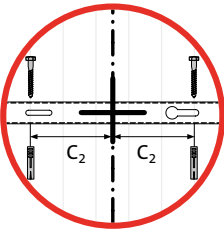
SIDE VIEW



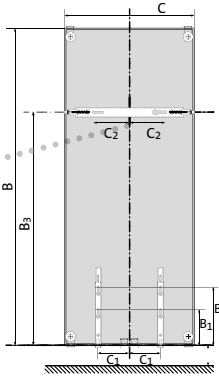
TOP VIEW



INSTALLATION



B = height  
C = length  
sizes in mm

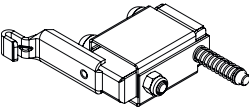


| C              | 300 | 450 | 600 | 750 |
|----------------|-----|-----|-----|-----|
| C <sub>1</sub> | 75  | 100 | 175 | 250 |
| C <sub>2</sub> | 50  | 125 | 200 | 275 |

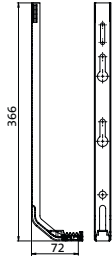
| B              | 1500      | 1800            | 1950 |
|----------------|-----------|-----------------|------|
| B <sub>3</sub> | 1150      | 1450            | 1600 |
| B <sub>1</sub> | T10 = 170 | T20-21-22 = 150 |      |
| B <sub>2</sub> | T10 = 270 | T20-21-22 = 250 |      |

BRACKETS

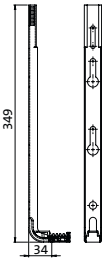
top bracket type 10



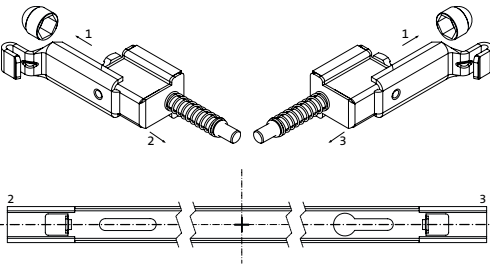
bottom bracket type 10



bottom bracket types 20, 215 & 22

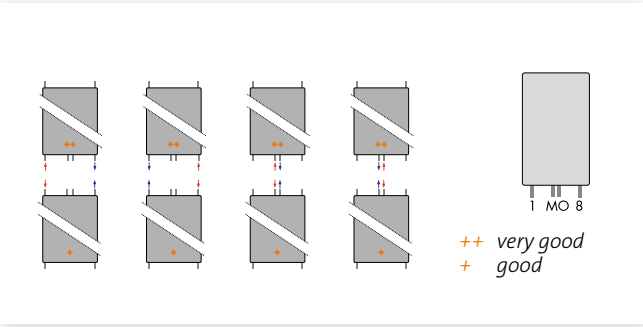


top bracket types 20, 215 & 22



CONNECTION OPTIONS

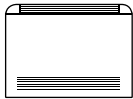
6 x 1/2" BSP (15/21).  
A vertical radiator can be used in 2-pipe systems and in 1-pipe systems, when the valve set is used.



LST

The Purmo LST Radiator is a two-part system consisting of a high efficiency panel radiator together with a highly durable powder coated outer casing, manufactured from 1.2mm steel. The outer casing prevents contact with the hot surface of the radiator and also covers pipework and valves. Surface temperatures are below 43°C with water inlet temperatures up to 82°C in accordance with NHS Estates Guidance Note 'Safe Hot Water and Surface Temperatures, 1998'. The robust outer casing can easily be removed to allow access for regular cleaning, maintenance and decorating.

The Purmo LST Radiator is particularly favoured for installation in nurseries, hospitals, nursing homes, sheltered housing and high-risk areas in the home. They are available in single and double configuration in 46 sizes, with heights of 572mm, 672mm and 872mm, and lengths from 420mm up to 2000mm.



**HEIGHT**  
572, 672, 872mm

**LENGTH**  
420 - 2000mm

**TYPE**  
11, 22

**FINISH**  
White RAL 9016

LST

type 11, 22



type 11

ORDER CODE : **LST11**XXXXXXXXXX  
EXAMPLE : LST115721200  
radiator \_\_\_\_\_  
type \_\_\_\_\_  
height \_\_\_\_\_  
length \_\_\_\_\_

type 22

ORDER CODE : **LST22**XXXXXXXXXX  
EXAMPLE : LST225721200  
radiator \_\_\_\_\_  
type \_\_\_\_\_  
height \_\_\_\_\_  
length \_\_\_\_\_

| length | height        |        |        |         |        |        |
|--------|---------------|--------|--------|---------|--------|--------|
|        | type 11       |        |        | type 22 |        |        |
|        | 572           | 672    | 872    | 572     | 672    | 872    |
| 420    | 75/65/20 Watt | 182    | 265    |         | 351    | 494    |
|        | 55/45/20 Watt | 92     | 134    |         | 179    | 253    |
|        | £             | 235.90 | 291.86 |         | 244.06 | 325.80 |
| 600    | 75/65/20 Watt | 243    | 353    |         | 468    | 659    |
|        | 55/45/20 Watt | 123    | 179    |         | 238    | 337    |
|        | £             | 262.30 | 322.10 |         | 304.18 | 384.79 |
| 800    | 75/65/20 Watt | 277    | 365    | 545     | 702    | 989    |
|        | 55/45/20 Watt | 139    | 184    | 276     | 357    | 505    |
|        | £             | 301.91 | 303.10 | 353.97  | 492.79 | 519.76 |
| 1000   | 75/65/20 Watt | 370    | 486    | 706     | 936    | 1318   |
|        | 55/45/20 Watt | 186    | 245    | 358     | 475    | 674    |
|        | £             | 310.52 | 344.72 | 371.49  | 501.72 | 483.38 |
| 1200   | 75/65/20 Watt | 462    | 608    | 883     | 1170   | 1648   |
|        | 55/45/20 Watt | 232    | 306    | 447     | 594    | 842    |
|        | £             | 359.43 | 346.34 | 397.03  | 532.54 | 509.39 |
| 1400   | 75/65/20 Watt |        | 730    | 1060    | 1404   | 1978   |
|        | 55/45/20 Watt |        | 368    | 537     | 713    | 1011   |
|        | £             |        | 381.69 | 444.08  | 580.27 | 693.02 |
| 1600   | 75/65/20 Watt | 647    | 851    | 1236    | 1638   | 2307   |
|        | 55/45/20 Watt | 325    | 429    | 626     | 832    | 1179   |
|        | £             | 422.68 | 406.32 | 469.54  | 613.22 | 638.36 |
| 1800   | 75/65/20 Watt |        | 973    | 1413    | 1872   | 2637   |
|        | 55/45/20 Watt |        | 490    | 716     | 951    | 1348   |
|        | £             |        | 419.25 | 497.82  | 662.92 | 846.91 |
| 2000   | 75/65/20 Watt | 832    | 1094   | 1589    | 2106   | 2966   |
|        | 55/45/20 Watt | 418    | 551    | 805     | 829    | 1070   |
|        | £             | 517.56 | 438.20 | 579.59  | 739.16 | 745.87 |

|               |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|
| value n       | 1.3047 | 1.3027 | 1.3093 | 1.3121 | 1.3229 | 1.3444 |
| volume : l/m  | 1.36   | 1.68   | 2.40   | 2.72   | 3.44   | 4.96   |
| weight : kg/m | 15.22  | 18.80  | 26.50  | 22.70  | 28.44  | 40.72  |

according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2-5 working days

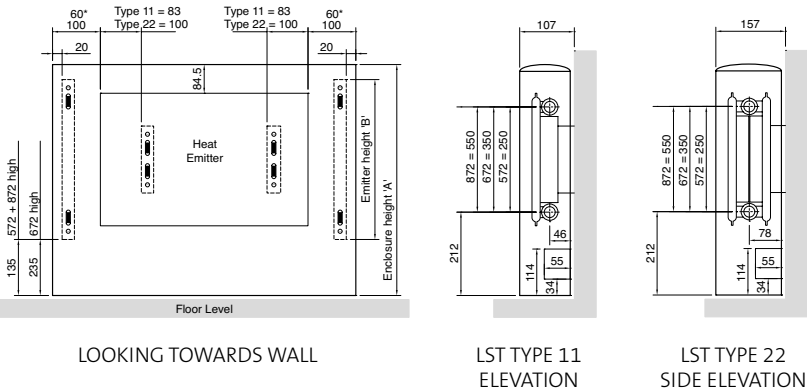
|                                      |        |                         |        |
|--------------------------------------|--------|-------------------------|--------|
| Close Coupled TRV Kit                | £83.82 | Remote Adjuster 2 metre | £64.29 |
| Close Coupled TRV Kit for 420mm wide | £83.82 | Remote Adjuster 5 metre | £74.87 |
| Direct Fixed TRV Kit                 | £47.44 | TVR Collar              | £5.14  |
| Remote Sensor Kit 2 metre            | £42.34 | TVR Ring                | £1.20  |
| Remote Sensor Kit 5 metre            | £52.92 |                         |        |

(See page 21 for more information)

LST

TECHNICAL INFORMATION & CONTROLS

INSTALLATION



\*60mm for the 420mm wide version.

CONTROL OPTIONS

A range of Purmo thermostatic radiator valves is available enabling the temperature of individual rooms to be automatically and precisely controlled.

Close Coupled Thermostatic Radiator Valve (CCKTC)

The close coupled TRV kit is suitable for the BOE connection, offering a choice of positions for both the valve body and the sensor head. The kit allows the thermal sensing head of a Purmo TRV to be mounted directly on the top left or top right of the casing. The point of fixing in the casing side has been semi-punched to allow it to be easily knocked out. The body of the valve is fitted to the emitter, and is coupled to the sensor head by means of a flexible capillary lead.

|                          |                                       |                                                                            |                                                |
|--------------------------|---------------------------------------|----------------------------------------------------------------------------|------------------------------------------------|
| The CCKTC kit comprises: | 1 TRV head & limit pins               | The CCKTC420 kit comprises:<br>(must be ordered with 420mm wide radiators) | 1 TRV head & limit pins                        |
|                          | 1 1/2" 15mm angle body                |                                                                            | 1 1/2" 15mm straight body                      |
|                          | 1 LST capillary unit                  |                                                                            | 1 LST capillary unit                           |
|                          | 1 Head locating body                  |                                                                            | 1 Head locating body                           |
|                          | 1 1/2" 15mm Fullflow lockshield valve |                                                                            | 1 1/2" 15mm Fullflow straight lockshield valve |
| To Order                 | CCKTC                                 | To Order:                                                                  | CCKTC420                                       |



Direct Fit TRV Kit (Cannot be used with 420mm wide radiator)

The Direct Fit TRV kit is suitable for TBOE connection only, and allows a Purmo TRV body to be fitted directly to the emitter with the thermostatic head projecting through the casing.

|                    |                                |
|--------------------|--------------------------------|
| The kit comprises: | 1 Horizontal angle TRV body    |
|                    | 1 TRV head                     |
|                    | 1 Extension adaptor            |
|                    | 1 Plastic bush                 |
|                    | 1 Matchmaster lockshield valve |
| To Order:          | DIRECTFIT                      |



Remote Sensor

The Remote Sensor is suitable for BOE connections only. This allows the fitting of a Purmo TRV inside the casing with the sensor being located up to 5m away.

To Order TRVRSHEAD5 (5m) / TRVRSHEAD2 (2m)



Remote Adjuster

The Remote Adjuster enables the Purmo TRV head / sensor to be wall mounted up to 5m away from the radiator and is suitable for both TBOE and BOE connections.

To Order: TRVADIHEAD5 (5m) / TRVADIHEAD2 (2m)





## UNDERFLOOR HEATING

In recent years underfloor heating has been widely acknowledged as one of the most effective methods of heating. It has become the fastest growing market for both domestic and commercial heating sectors. As one of Europe's leading names in heating technology, Purmo FLOORTEC is at the forefront of the underfloor revolution. In addition to our manufacturing and technical expertise, we provide full planning, design and supply services to help you achieve your perfect home.

### A BETTER KIND OF HEAT

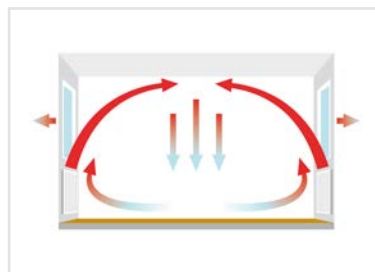
Underfloor heating works by circulating warm water through a series of continuous pipe loops fitted underneath your floor. The pipework creates a large radiant surface which heats your home from the floor upwards. This radiant form of heating is very different to the convected heat provided by radiators. Radiators work by drawing cold air across your floor, heating it and then convecting it upwards towards the ceiling.

The use of radiant heat rather than convected heat will provide you with a number of significant benefits.

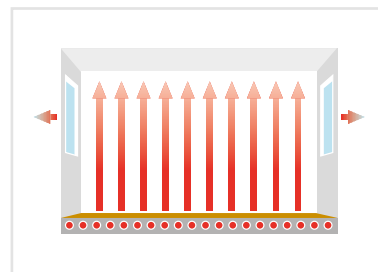
### NATURAL, COMFORTABLE WARMTH

The main advantage of underfloor heating is its high level of performance. Radiant heat means that the warmth is concentrated where you need it most. Room temperatures higher up are usually around 2°C lower than at floor level. So it's perfect for human comfort - you won't get cold feet and you will keep a cool head!

It's highly controllable heat too. You can make each room a separate zone, varying heat output according to the time of day and location. You'll enjoy uniform heat even in the largest rooms, with no cold spots and no draughts caused by air circulation. It's even good for furniture, with its gentler, more even heat and smaller variations in humidity.



Radiator output



Underfloor output

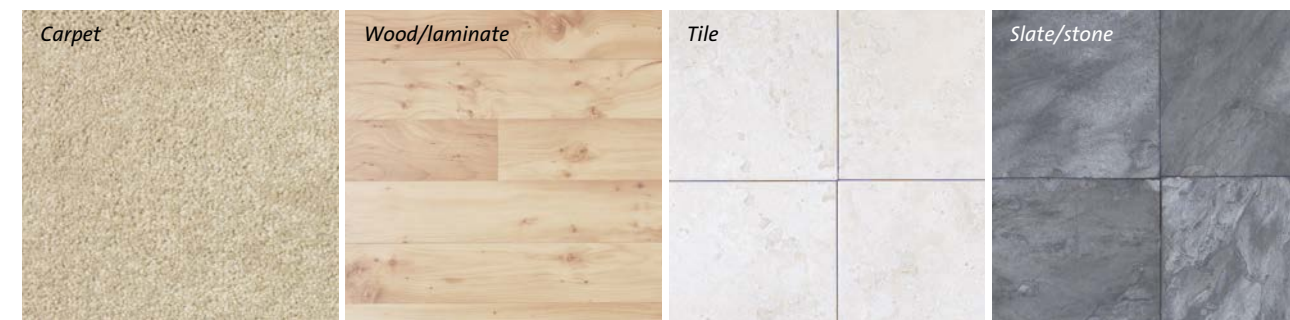
## UNDERFLOOR HEATING

### MORE BENEFITS. MORE FLEXIBILITY.

Underfloor heating is also extremely discrete. With nothing showing above floor level, it does not interfere with either your living space or your décor. This leaves you free to make the most of every square foot of your floor and wall space.

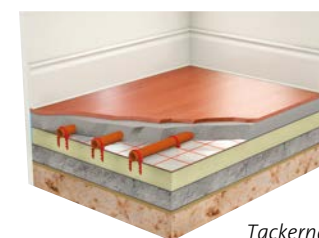
It is also a cost effective option. Although installation costs are generally higher than traditional heating methods, underfloor heating's superior efficiency means that your running costs will be significantly lowered so the ongoing savings on your energy bills quickly outweigh your higher initial outlay.

Underfloor heating is even a practical option. It can be used with most types of floors and floor coverings. It is also suitable for use with all sorts of wet central heating systems. It is easy to install and gives you a number of usage options. It can be installed throughout your house, on one level only or in individual rooms. It can be used alone or combined with radiators or other heating systems elsewhere in your home.

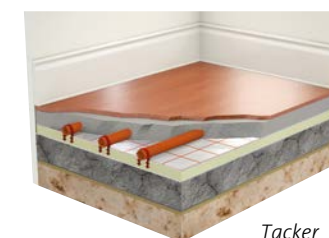


### SCREEDED FLOOR

Solid floor underfloor heating systems have the underfloor heating pipework embedded in concrete or screed. They include concrete screeded floors and block and beam floors with a screeded finish.



Tackernail



Tacker



Cliprail

### PLATED FLOOR

Suspended floor systems include joisted floors with conventional joists supported on end walls of sleeper walls, as well as solid floors with battens fixed to the floor.



### FLOATING FLOOR

Floating floors reduce the overall loading on the building, reducing the weight of the floor compared to other floor systems. Floating floors also exhibit very good acoustic properties, reducing sound transmission between floors of a building.



### MICROBOARD

MICROBOARD is a retrofit, low profile underfloor heating system. At only 18mm depth, it can be installed over an existing floor, or as part of a new build project, making it our most flexible fixing system yet.

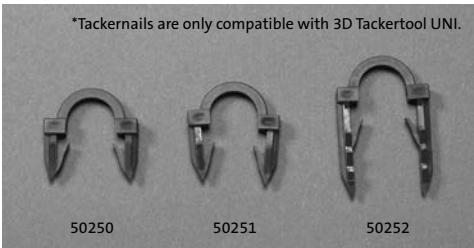
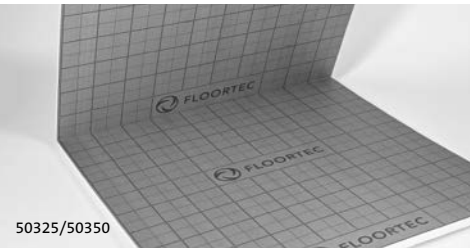


UNDERFLOOR HEATING

TACKER FIXING SYSTEMS



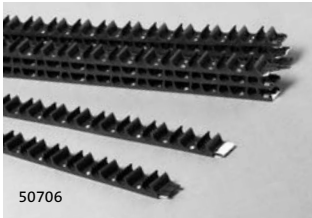
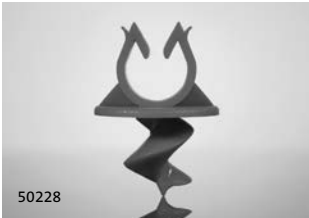
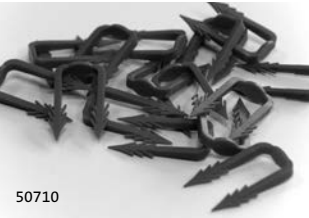
| description                               | order code | £      |
|-------------------------------------------|------------|--------|
| TACKERNAIL                                |            |        |
| 3D Short (38mm) Tackernail* (Box of 400)  | 50250      | 39.93  |
| 3D Medium (42mm) Tackernail* (Box of 400) | 50251      | 41.02  |
| 3D Long (58mm) Tackernail* (Box of 400)   | 50252      | 48.53  |
| 3D Tackertool UNI                         | 50253      | 461.96 |
| TACKER INSULATION                         |            |        |
| 25mm PS20 Flatpack Insulation (10m²)      | 50325      | 94.44  |
| 50mm PS20 Flatpack Insulation (10m²)      | 50350      | 126.17 |



CLIPRAIL FIXING SYSTEM



| description                          | order code | £     |
|--------------------------------------|------------|-------|
| 17mm Black Cliprail (1m length)      | 50706      | 4.00  |
| 50mm Red Cliprail Pins (Pack of 500) | 50710      | 55.00 |
| Anchor Clips (Bag of 50)             | 50228      | 0.35  |



PREFORMED PLATE FIXING SYSTEM



| description                                               | order code | £     |
|-----------------------------------------------------------|------------|-------|
| Preformed Plate 14 to 17mm Pipe (1500 x 800mm - Box of 8) | 50236      | 13.86 |
| Foam Perimeter Tube (50m)                                 | 50235      | 25.68 |



NAKED PREFORMED PLATE FIXING SYSTEM



| description                                                      | order code | £     |
|------------------------------------------------------------------|------------|-------|
| Naked Preformed Plate 14 to 17mm Pipe (1440 x 840mm - Box of 14) | 50537      | 12.13 |
| Fixing Dowel (Box of 70)                                         | 50538      | 0.40  |



UNDERFLOOR HEATING

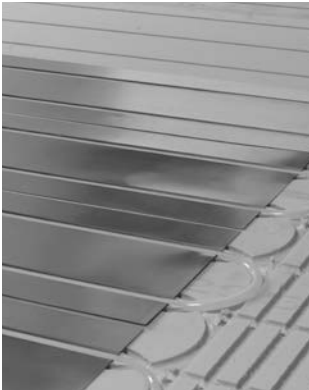
PLATED FIXING SYSTEM



| description                          | order code | £     |
|--------------------------------------|------------|-------|
| Double Floor Plate (1000 x 388mm)    | 50550      | 14.34 |
| 3 Channel Floor Plate (1000 x 388mm) | 50548      | 14.34 |
| 3 Channel Floor Plate (1000 x 588mm) | 50553      | 26.78 |



FLOATING FLOOR FIXING SYSTEM



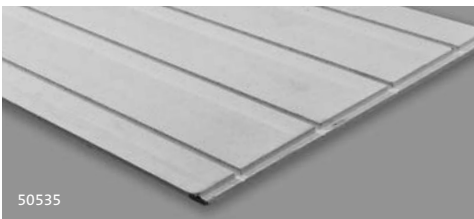
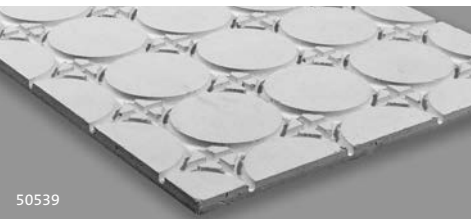
| description                                   | order code | £     |
|-----------------------------------------------|------------|-------|
| 30mm XPS Floating Floor Panel (2400 x 1200mm) | 50545      | 83.40 |
| 40mm XPS Floating Floor Panel (2400 x 1200mm) | 50546      | 85.75 |
| 50mm XPS Floating Floor Panel (2400 x 1200mm) | 50547      | 91.73 |
| Flat Floor Plate (1000 x 400mm)               | 50552      | 12.33 |
| Double Floor Plate (1000 x 388mm)             | 50550      | 14.34 |



MICROBOARD FIXING SYSTEM



| description                        | order code | £     |
|------------------------------------|------------|-------|
| Straight Board (1200 x 600 x 18mm) | 50535      | 37.31 |
| Return Board (1200 x 600 x 18mm)   | 50539      | 42.79 |



PIPE

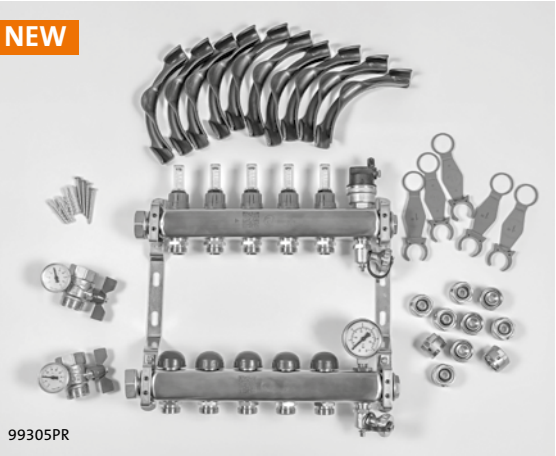


| description                           | order code | £      |
|---------------------------------------|------------|--------|
| Penta pipe 10mm (120m Coil)           | 54060      | 157.20 |
| Penta pipe 10mm (240m Coil)           | 54061      | 314.40 |
| Penta pipe 17 x 2mm (120m Coil)       | 54062      | 182.40 |
| Penta pipe 17 x 2mm (240m Coil)       | 54063      | 364.80 |
| Penta pipe 17 x 2mm (600m Coil)       | 54064      | 912.00 |
| Penta pipe 20mm (240m Coil)           | 54044      | 381.60 |
| Penta pipe 20mm (500m Coil)           | 54050      | 795.00 |
| Multi-layer pipe 16 x 2mm (100m Coil) | 53002      | 206.00 |
| Multi-layer pipe 16 x 2mm (200m Coil) | 53005      | 412.00 |
| Multi-layer pipe 16 x 2mm (400m Coil) | 53004      | 824.00 |

UNDERFLOOR HEATING

UNDERFLOOR HEATING

PREMIUM MANIFOLDS



| description              | order code | £      |
|--------------------------|------------|--------|
| 2 port Premium Manifold  | 99302PR    | 177.28 |
| 3 port Premium Manifold  | 99303PR    | 210.25 |
| 4 port Premium Manifold  | 99304PR    | 243.02 |
| 5 port Premium Manifold  | 99305PR    | 276.36 |
| 6 port Premium Manifold  | 99306PR    | 309.53 |
| 7 port Premium Manifold  | 99307PR    | 342.64 |
| 8 port Premium Manifold  | 99308PR    | 376.21 |
| 9 port Premium Manifold  | 99309PR    | 408.64 |
| 10 port Premium Manifold | 99310PR    | 442.31 |
| 11 port Premium Manifold | 99311PR    | 475.29 |
| 12 port Premium Manifold | 99312PR    | 508.88 |
| ¾" Blanking Caps         | 53084      | 7.00   |

CONTROL PACKS



| description                        | order code | £      |
|------------------------------------|------------|--------|
| 'A' Rated Pump Pack                | 50803A     | 586.97 |
| 'A' Rated Single Zone Control Unit | 50810A     | 521.02 |
| Y-Splitters (Pair)                 | 53036VN    | 33.22  |
| 22mm Mixing Valve                  | 52014      | 185.02 |



ADAPTORS



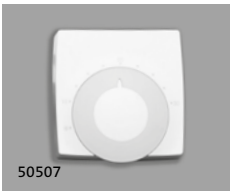
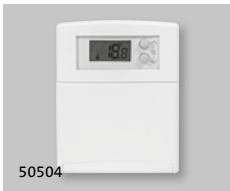
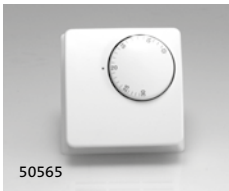
| description                                | order code | £    |
|--------------------------------------------|------------|------|
| Manifold Coupling for 17 x 2mm Pex         | 50114      | 2.57 |
| Straight Coupling for 17 x 2mm Pex         | 50010      | 6.73 |
| Manifold Coupling for 14 x 2mm Pex         | 50019      | 2.57 |
| Straight Coupling for 14 x 2mm Pex         | 50020      | 6.73 |
| Manifold Coupling for 20 x 2mm Pex         | 50113      | 2.57 |
| Straight Coupling for 20 x 2mm Pex         | 50011      | 6.73 |
| 10mm Manifold Coupling                     | 50117      | 2.57 |
| Manifold Coupling for 16 x 2mm Multi-layer | 53033      | 2.57 |
| Straight Coupling for 16 x 2mm Multi-layer | 53032      | 6.73 |
| 15mm Copper Adaptor                        | 40213      | 6.73 |
| 14mm x ½" Male Iron Adaptor                | 50115      | 5.50 |
| 17mm x ½" Male Iron Adaptor                | 50116      | 5.50 |
| Coupling Central Core                      | 50009      | 2.89 |



THERMOSTATS & PROGRAMMERS



| description                                     | order code | £      |
|-------------------------------------------------|------------|--------|
| 24V Room Thermostat (Dial)                      | 50507      | 32.81  |
| Floor Sensor (for use with 50507)               | 50508      | 22.72  |
| MPRT Programmable Thermostat                    | 50562      | 98.07  |
| MPRT Chrome Programmable Thermostat             | 50562CR    | 98.07  |
| MRT1 Room Thermostat (Dial)                     | 50565      | 20.33  |
| MRTE Digital Room Thermostat                    | 50504      | 56.52  |
| MEP1c Single Channel Programmer                 | 50808      | 85.18  |
| TOUCH Screen Thermostat 240V                    | 50516      | 98.48  |
| TOUCH Screen Thermostat 240V with Remote Sensor | 50517      | 110.65 |
| TOUCH2 WiFi Thermostat 240V                     | 50520      | 104.84 |
| TOUCH2 WiFi Thermostat and Hub                  | 50521      | 301.90 |
| Floor Sensor (For TOUCH Controls)               | 50522      | 15.81  |
| Thimble Air Sensor (For TOUCH Controls)         | 50523      | 38.72  |
| MPRT RF Programmable Thermostat                 | 50511      | 120.16 |
| MPRT RF Chrome Programmable Thermostat          | 50511CR    | 120.16 |



Note: This thermostat is compatible with a 50599 and not a 50574.

WIRING CENTRES & ACCESSORIES



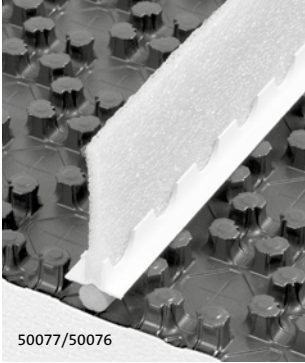
| description        | order code | £      |
|--------------------|------------|--------|
| 240V Actuator Head | 50240      | 36.45  |
| 24V Actuator Head  | 50243      | 36.45  |
| 240V Wiring Centre | 50598      | 115.10 |
| 24V Wiring Centre  | 50599      | 129.95 |



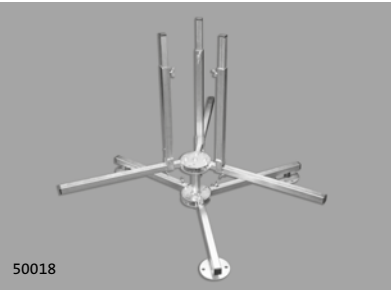
UNDERFLOOR HEATING

UNDERFLOOR HEATING

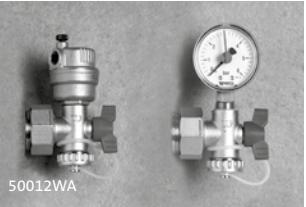
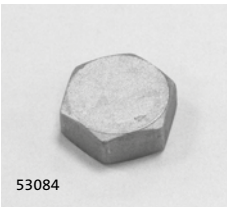
ACCESSORIES

|                                                                                     | description                          | order code | £     |
|-------------------------------------------------------------------------------------|--------------------------------------|------------|-------|
|    | Expansion Profile (2m)               | 50076      | 2.89  |
|                                                                                     | Expansion Joint Strip (2m)           | 50077      | 8.29  |
|                                                                                     | Border Insulation (30m Roll)         | 50220      | 18.57 |
|                                                                                     | Flexible Pipe Cover (400mm Length)   | 50078      | 1.42  |
|                                                                                     | Red Insulated Pipe Sleeve (10m Roll) | 50069      | 6.61  |
|                                                                                     | Pipe Bend Support 14-17mm            | 50070      | 1.21  |
|                                                                                     | Pipe Bend Support 18-23mm            | 50071      | 1.73  |
|                                                                                     | Anchor Clips (Bag of 50)             | 50228      | 0.35  |
|                                                                                     | Cable Ties (Bag of 100)              | 50571      | 0.11  |
|                                                                                     | Screed Tape (75m Roll)               | 50226      | 5.65  |
|    |                                      |            |       |
|    |                                      |            |       |
|   |                                      |            |       |
|  |                                      |            |       |

TOOLS

|                                                                                       | description                                          | order code | £      |
|---------------------------------------------------------------------------------------|------------------------------------------------------|------------|--------|
|    | 3D Tackertool UNI (for use with Tackernail products) | 50253      | 461.96 |
|                                                                                       | Compact Pipe De-Coiler                               | 50018      | 686.61 |
|                                                                                       | Hot Cutter                                           | 50008      | 277.30 |
|                                                                                       | Replacement Hot Cutter Blade                         | 50007      | 115.54 |
|    |                                                      |            |        |
|   |                                                      |            |        |
|  |                                                      |            |        |

SPARE MANIFOLD PARTS 'MY' MANIFOLDS

|                                                                                       | description                    | order code | £     |
|---------------------------------------------------------------------------------------|--------------------------------|------------|-------|
|    | 1" Manifold Ball Valves (Pair) | 50420      | 10.09 |
|                                                                                       | ½" Blanking Cap                | 53084      | 7.00  |
|                                                                                       | Pressure Gauge & Air Vent Set  | 50012WA    | 48.72 |
|                                                                                       | Flow Meters                    | 50301      | 11.41 |
|                                                                                       | 1 ¼" Valve Insert Pre-1997     | 50299      | 4.88  |
|                                                                                       | 1" Valve Insert                | 50300      | 4.88  |
|                                                                                       | Locking Ring for 50140/50143   | 59990      | 1.56  |
|    |                                |            |       |
|    |                                |            |       |
|    |                                |            |       |
|   |                                |            |       |
|  |                                |            |       |

SINGLE ROOM PACKS

| description                                          | order code     | £       |
|------------------------------------------------------|----------------|---------|
| AREA PACKS                                           |                |         |
| Underfloor Heating Pack - Cliprail 12m²              | PCLIPRAIL12AY  | 882.65  |
| Underfloor Heating Pack - Cliprail 15m²              | PCLIPRAIL15AY  | 955.20  |
| Underfloor Heating Pack - Cliprail 20m²              | PCLIPRAIL20AY  | 975.20  |
| Underfloor Heating Pack - Cliprail 30m²              | PCLIPRAIL30AY  | 1193.54 |
| Underfloor Heating Pack - Cliprail 40m²              | PCLIPRAIL40AY  | 1348.28 |
| Underfloor Heating Pack - Preformed Plate 12m²       | PPFP12AY       | 944.47  |
| Underfloor Heating Pack - Preformed Plate 15m²       | PPFP15AY       | 1044.20 |
| Underfloor Heating Pack - Preformed Plate 20m²       | PPFP20AY       | 1176.47 |
| Underfloor Heating Pack - Preformed Plate 25m²       | PPFP25AY       | 1437.70 |
| Underfloor Heating Pack - Preformed Plate 30m²       | PPFP30AY       | 1493.16 |
| Underfloor Heating Pack - Preformed Plate 40m²       | PPFP40AY       | 1585.50 |
| Underfloor Heating Pack - Naked Preformed Plate 12m² | PNAKEDPPFP12AY | 955.37  |
| Underfloor Heating Pack - Naked Preformed Plate 15m² | PNAKEDPPFP15AY | 1049.90 |
| Underfloor Heating Pack - Naked Preformed Plate 20m² | PNAKEDPPFP20AY | 1173.50 |
| Underfloor Heating Pack - Naked Preformed Plate 25m² | PNAKEDPPFP25AY | 1424.34 |
| Underfloor Heating Pack - Naked Preformed Plate 30m² | PNAKEDPPFP30AY | 1472.86 |
| Underfloor Heating Pack - Naked Preformed Plate 40m² | PNAKEDPPFP40AY | 1551.34 |
| Underfloor Heating Pack - Plated 12m²                | PPLATED12AY    | 1163.97 |
| Underfloor Heating Pack - Plated 15m²                | PPLATED15AY    | 1250.03 |
| Underfloor Heating Pack - Plated 20m²                | PPLATED20AY    | 1456.43 |
| Underfloor Heating Pack - Plated 30m²                | PPLATED30AY    | 1902.78 |
| Underfloor Heating Pack - Plated 40m²                | PPLATED40AY    | 2189.67 |
| PUNCH PACKS                                          |                |         |
| Punch Pack 20                                        | PUNCHPACK20P   | 697.00  |
| Punch Pack 40                                        | PUNCHPACK40P   | 871.00  |

Area Packs come with a Touch Screen Thermostat & Penta Pipe



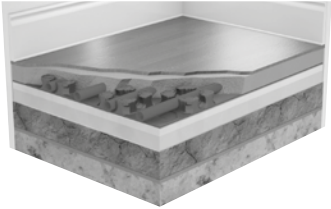
Punch Packs come with a Touch Screen RS Thermostat & Multi-layer Pipe



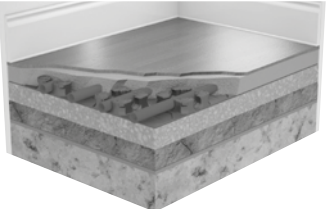
CLIPRAIL  
(Screeded Floor on Sub Base)



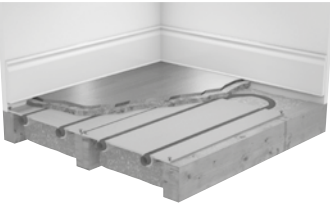
PREFORMED PLATE  
(Screeded Floor on Sub Base)



NAKED PREFORMED PLATE  
(Screeded Floor on Sub Base)



PLATED



TACKERNAIL - Punch Pack Fixing System  
(Screeded Floor on Sub Base)





KOS V

type 21, 22



type 21  
ORDER CODE : K0V21XXXXYYY  
EXAMPLE : K0V211800600  
radiator type  
height  
width

type 22  
ORDER CODE : K0V22XXXXYYY  
EXAMPLE : K0V221800600  
radiator type  
height  
width

| width       |               | height  |        |         |        |
|-------------|---------------|---------|--------|---------|--------|
|             |               | type 21 |        | type 22 |        |
|             |               | 1800    | 1950   | 1800    | 1950   |
| 300         | 75/65/20 Watt | 886     | 936    | 1046    | 1103   |
|             | 55/45/20 Watt | 452     | 476    | 528     | 532    |
|             | £             | 403.85  | 427.05 | 448.73  | 474.48 |
| 450         | 75/65/20 Watt | 1329    | 1405   | 1569    | 1654   |
|             | 55/45/20 Watt | 678     | 714    | 792     | 798    |
|             | £             | 434.49  | 457.02 | 482.77  | 507.79 |
| 600         | 75/65/20 Watt | 1772    | 1873   | 2092    | 2205   |
|             | 55/45/20 Watt | 903     | 953    | 1056    | 1065   |
|             | £             | 482.10  | 509.82 | 535.68  | 566.49 |
| 750         | 75/65/20 Watt | 2215    | 2341   | 2615    | 2756   |
|             | 55/45/20 Watt | 1129    | 1191   | 1320    | 1331   |
|             | £             | 539.65  | 572.20 | 598.85  | 635.78 |
| value n     |               | 1.3192  | 1.3231 | 1.3387  | 1.4255 |
| volume l/m  |               | 21.47   | 24.13  | 21.73   | 23.47  |
| weight kg/m |               | 100.27  | 109.33 | 111.6   | 123.73 |

according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
• heat outputs are measured with bottom connection

To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2-5 working days

KOS V

A compact, minimalist appearance coupled with high heat outputs. The perfect balance between a flat front panel and curved side covers.

Accessories included in the packaging and the price: brackets, 2 side covers, installation clips, 1 rotating airvent, 3 radiator plugs, screws and plugs.

- **Operating pressure:**  
Tested to a pressure of 8 bar.  
Working pressure of up to 6 bar.
- **Connections:** 6 x ½" BSP.  
See page 31 for connection options.
- **Warranty:** 10 years.
- **Accessories:**



**HEIGHT**  
1800, 1950mm

**WIDTH**  
300, 450, 600, 750mm

**TYPE**  
KOV21, 22

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours. See page 52 for colour options.



**1. Towel bar**

| size  | code         | £      |
|-------|--------------|--------|
| 300mm | VRTRAILBR300 | 175.02 |
| 450mm | VRTRAILBR450 | 175.02 |
| 600mm | VRTRAILBR600 | 182.95 |
| 750mm | VRTRAILBR750 | 190.83 |

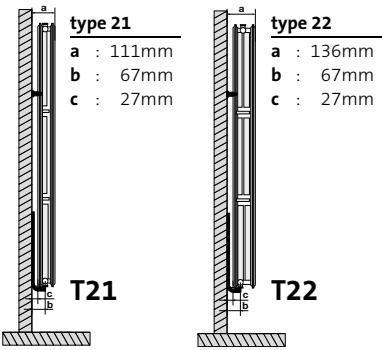


**2. Radiator pack**  
TRV and Lockshield - for standard connection.  
Code: 2TRVPURPK  
Price: £20.29

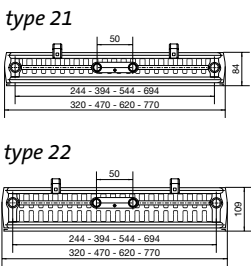
**3. Valve sets**  
For mid connection - see accessories page 54 for options.

TECHNICAL INFORMATION

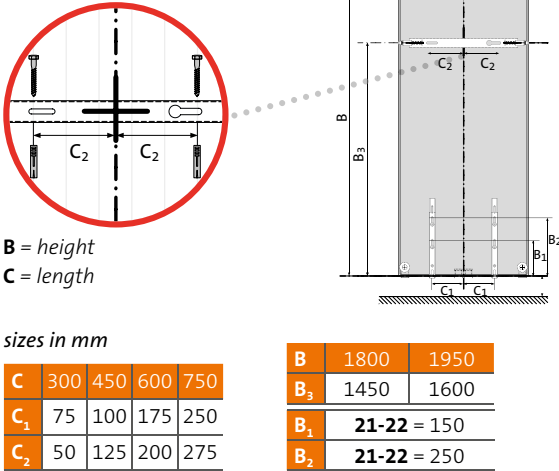
SIDE VIEW



TOP VIEW

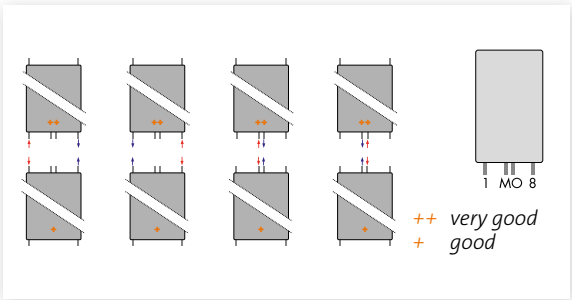


INSTALLATION



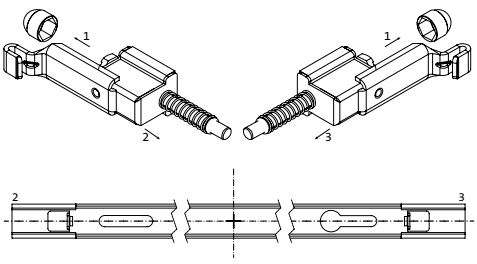
CONNECTION OPTIONS

6 x ½" BSP (15/21).  
A vertical radiator can be used in 2-pipe systems and in 1-pipe systems, when the valve set is used.

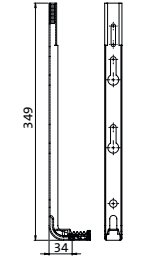


BRACKETS

top bracket  
types 21 & 22



bottom bracket  
types 21 & 22



Dimensions in mm



KOS H

A horizontal decorative radiator with a flat front panel and unique slightly curved sides. This horizontal model is provided with an adapted top cover that emphasises its unique design.

Accessories included in the package and the price: brackets, screws and plugs.  
The thermostatic (Kv-adjustable) valve body is factory fitted on the right, the airvent on the left.



**HEIGHT**  
600mm

**LENGTH**  
600 - 1500mm

**TYPE**  
KOH21, 22

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours. See page 52 for colour options.

- **Operating pressure:**  
Tested to a pressure of 8 bar.  
Working pressure of up to 6 bar.
- **Connections:** 2 x ½" BSP.  
See page 33 for connection options.
- **Warranty:** 10 years.
- **Accessories: 1. Valve sets**



**Twin entry valve straight**  
Code: VS  
Price: **£16.51**



**Twin entry valve angled**  
Code: VSE  
Price: **£17.75**



**Nut & olive pack**  
(2 nuts and 2 olives per set)  
Code: V15P  
Price: **£5.58**



**Adaptor**  
(2 required per valve set)  
Code: ADAPTOR  
Price: **£1.05** (each)

The above valves must be ordered with the following:

TRV heads must also be ordered separately  
- please refer to page 54.

RANGE BROCHURE & PRICE LIST  
01/07/2017

KOS H

type 21, 22



**type 21**

ORDER CODE : **KOH21XXXXXX**YZ  
EXAMPLE : KOH216001200L

radiator  
type  
height  
length  
Z = L : left conn. • R : right conn.

**type 22**

ORDER CODE : **KOH22XXXXXX**YZ  
EXAMPLE : KOH226001200L

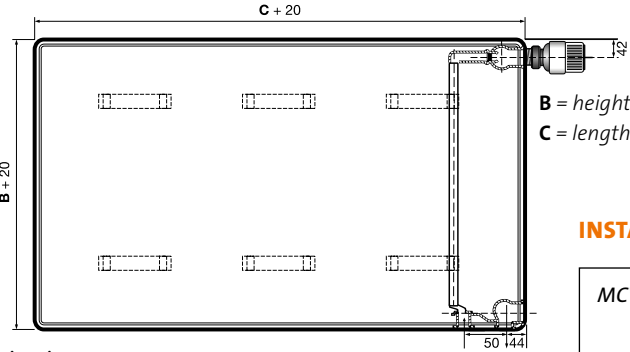
radiator  
type  
height  
length  
Z = L : left conn. • R : right conn.

| length |               | height  |         |
|--------|---------------|---------|---------|
|        |               | type 21 | type 22 |
|        |               | 600     | 600     |
| 600    | 75/65/20 Watt | 802     | 1018    |
|        | 55/45/20 Watt | 406     | 507     |
|        | £             | 361.62  | 373.45  |
| 750    | 75/65/20 Watt | 1003    | 1273    |
|        | 55/45/20 Watt | 508     | 634     |
|        | £             | 383.24  | 398.92  |
| 900    | 75/65/20 Watt | 1203    | 1527    |
|        | 55/45/20 Watt | 610     | 761     |
|        | £             | 418.88  | 437.72  |
| 1050   | 75/65/20 Watt | 1404    | 1782    |
|        | 55/45/20 Watt | 711     | 888     |
|        | £             | 454.63  | 476.83  |
| 1200   | 75/65/20 Watt | 1604    | 2036    |
|        | 55/45/20 Watt | 813     | 1015    |
|        | £             | 467.20  | 492.66  |
| 1350   | 75/65/20 Watt | 1805    | 2291    |
|        | 55/45/20 Watt | 914     | 1142    |
|        | £             | 512.77  | 541.55  |
| 1500   | 75/65/20 Watt | 2006    | 2546    |
|        | 55/45/20 Watt | 1016    | 1268    |
|        | £             | 529.82  | 561.87  |

|             |        |        |
|-------------|--------|--------|
| value n     | 1.3311 | 1.3635 |
| volume l/m  | 6.95   | 6.95   |
| weight kg/m | 37.43  | 42.67  |

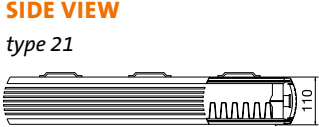
according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30) • no extra cost for left connection  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).  
Featured radiators are available from stock, delivery time: 2-5 working days

TECHNICAL INFORMATION



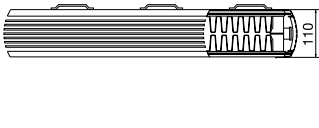
**FRONT VIEW**

B = height  
C = length

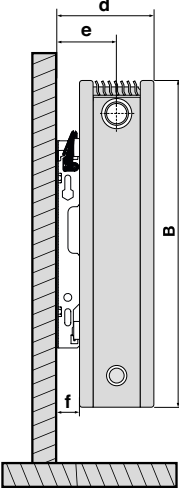


**SIDE VIEW**

type 21



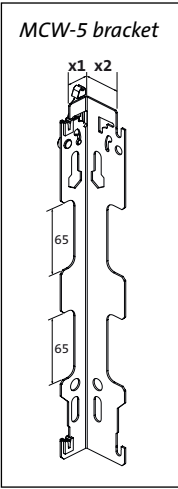
type 22



**TOP VIEW**

d : 141mm  
e : 84mm  
f : 30mm

B = height



**INSTALLATION**

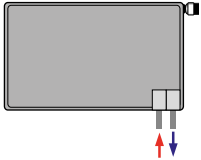
MCW-5 bracket

x1 x2

| type  | height (B) | length (C) | 4x |
|-------|------------|------------|----|
| 21/22 | 600        | <2000      | x  |

**CONNECTION OPTIONS**

2 x Ø ½" (15/21)  
- bottom right, left  
available on request.



Dimensions in mm

RANGE BROCHURE & PRICE LIST  
01/07/2017



FARO V

type 21, 22



type 21

ORDER CODE : FAV21XXXXYY  
EXAMPLE : FAV211800600

radiator  
type  
height  
width

type 22

ORDER CODE : FAV22XXXXYY  
EXAMPLE : FAV221800600

radiator  
type  
height  
width

| width       |               | height  |        |         |        |
|-------------|---------------|---------|--------|---------|--------|
|             |               | type 21 |        | type 22 |        |
|             |               | 1800    | 1950   | 1800    | 1950   |
| 300         | 75/65/20 Watt | 886     | 936    | 1046    | 1103   |
|             | 55/45/20 Watt | 452     | 476    | 528     | 532    |
|             | £             | 412.52  | 437.46 | 422.33  | 448.63 |
| 450         | 75/65/20 Watt | 1329    | 1405   | 1569    | 1654   |
|             | 55/45/20 Watt | 678     | 714    | 792     | 798    |
|             | £             | 443.71  | 467.97 | 454.27  | 479.91 |
| 600         | 75/65/20 Watt | 1772    | 1873   | 2092    | 2205   |
|             | 55/45/20 Watt | 903     | 953    | 1056    | 1065   |
|             | £             | 513.12  | 542.54 | 521.09  | 553.17 |
| 750         | 75/65/20 Watt | 2215    | 2341   | 2615    | 2756   |
|             | 55/45/20 Watt | 1129    | 1191   | 1320    | 1331   |
|             | £             | 573.50  | 607.83 | 587.18  | 625.47 |
| value n     |               | 1.3192  | 1.3231 | 1.3387  | 1.4255 |
| volume l/m  |               | 21.47   | 24.13  | 21.73   | 23.47  |
| weight kg/m |               | 100.27  | 109.33 | 111.6   | 123.73 |

according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)

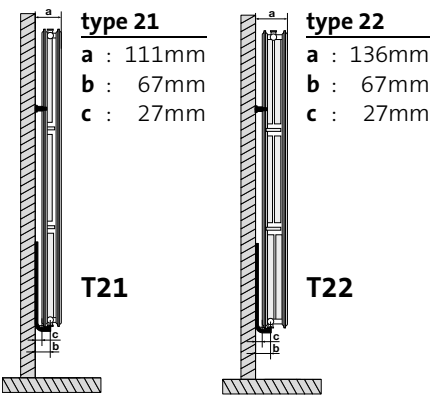
• heat outputs are measured with bottom connection

To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

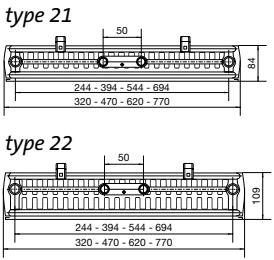
Featured radiators are available from stock, delivery time: 2-5 working days

TECHNICAL INFORMATION

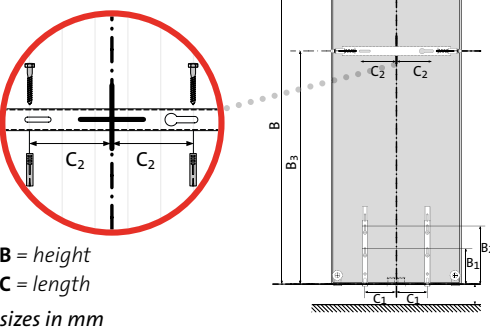
SIDE VIEW



TOP VIEW



INSTALLATION

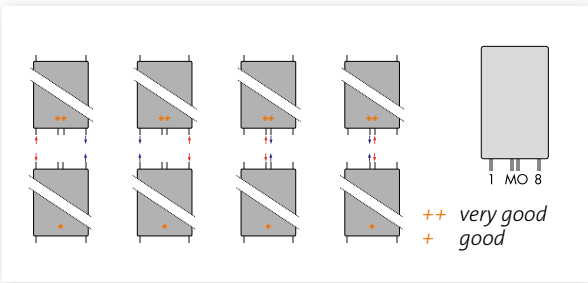


|                | 300 | 450 | 600 | 750 |
|----------------|-----|-----|-----|-----|
| C              | 75  | 100 | 175 | 250 |
| C <sub>1</sub> | 50  | 125 | 200 | 275 |
| C <sub>2</sub> |     |     |     |     |

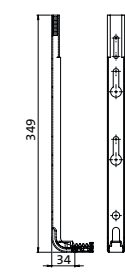
| B              | 1800            | 1950            |
|----------------|-----------------|-----------------|
| B <sub>1</sub> | 1450            | 1600            |
| B <sub>2</sub> | T20-21-22 = 150 | T20-21-22 = 250 |

CONNECTION OPTIONS

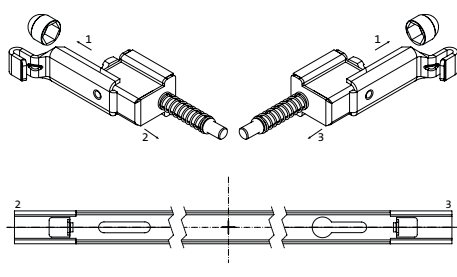
6 x 1/2" BSP (15/21).  
A vertical radiator can be used in 2-pipe systems and in 1-pipe systems, when the valve set is used.



bottom bracket  
types 21 & 22



top bracket  
types 21 & 22



Dimensions in mm

FARO V

The profiled front of the Faro V accentuates the upward-reaching lines, while the curved side covers give it a clean, pleasing appearance from all angles. The design not only creates a sense of height - it also allows you to install a powerful heat source where wall space is restricted.

Accessories included in the packaging and the price: brackets, installation clips, 1 rotating airvent, 3 blank caps, screws and plugs.

- **Operating pressure:**  
Tested to a pressure of 8 bar.  
Working pressure of up to 6 bar.
- **Connections:** 6 x 1/2" BSP.  
See page 35 for connection options.
- **Warranty:** 10 years.
- **Accessories:**



1. Towel bar

| size  | code         | £      |
|-------|--------------|--------|
| 300mm | VRTRAILBR300 | 175.02 |
| 450mm | VRTRAILBR450 | 175.02 |
| 600mm | VRTRAILBR600 | 182.95 |
| 750mm | VRTRAILBR750 | 190.83 |

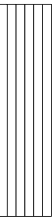


2. Radiator pack

TRV and Lockshield -  
for standard connection.  
Code: 2TRVPURPK  
Price: £20.29

3. Valve sets

For mid connection - see  
accessories page 54 for options.



**HEIGHT**  
1800, 1950mm  
**WIDTH**  
300, 450, 600, 750mm  
**TYPE**  
FAV21, 22

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours. See page 52 for colour options.



FARO H

type 21, 22



type 21

ORDER CODE : FAH21XXXXYYZ  
EXAMPLE : FAH216001200L  
radiator  
type  
height  
length  
Z = L : left conn. • R : right conn.

type 22

ORDER CODE : FAH22XXXXYYZ  
EXAMPLE : FAH226001200L  
radiator  
type  
height  
length  
Z = L : left conn. • R : right conn.

| length      |               | height  |         |
|-------------|---------------|---------|---------|
|             |               | type 21 | type 22 |
|             |               | 600     | 600     |
| 450         | 75/65/20 Watt | 602     | 764     |
|             | 55/45/20 Watt | 305     | 381     |
|             | £             | 342.21  | 352.53  |
| 600         | 75/65/20 Watt | 802     | 1018    |
|             | 55/45/20 Watt | 406     | 507     |
|             | £             | 370.67  | 382.54  |
| 750         | 75/65/20 Watt | 1003    | 1273    |
|             | 55/45/20 Watt | 508     | 634     |
|             | £             | 392.74  | 408.43  |
| 900         | 75/65/20 Watt | 1203    | 1527    |
|             | 55/45/20 Watt | 610     | 761     |
|             | £             | 420.48  | 439.35  |
| 1050        | 75/65/20 Watt | 1404    | 1782    |
|             | 55/45/20 Watt | 711     | 888     |
|             | £             | 452.89  | 475.08  |
| 1200        | 75/65/20 Watt | 1604    | 2036    |
|             | 55/45/20 Watt | 813     | 1015    |
|             | £             | 478.16  | 503.58  |
| 1350        | 75/65/20 Watt | 1805    | 2291    |
|             | 55/45/20 Watt | 914     | 1142    |
|             | £             | 511.43  | 540.20  |
| 1500        | 75/65/20 Watt | 2006    | 2546    |
|             | 55/45/20 Watt | 1016    | 1268    |
|             | £             | 545.39  | 577.44  |
| value n     |               | 1.3311  | 1.3635  |
| volume l/m  |               | 6.95    | 6.95    |
| weight kg/m |               | 37.43   | 42.67   |

according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30) • no extra cost for left connection  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).  
Featured radiators are available from stock, delivery time: 2 - 5 working days

FARO H

For those who wish to enjoy the clean lines of the Faro range in a more conventional way, the horizontally mounted versions are an ideal choice.

They share the same profiled front creating a subtle presence but delivering a high heat output. Mounted on invisible brackets included in the kit, the Faro Horizontal is an example of true style.

- **Operating pressure:**  
Tested to a pressure of 8 bar.  
Working pressure of up to 6 bar.
- **Connections:** 2 x ½" BSP.  
See page 37 for connection options.
- **Warranty:** 10 years.
- **Accessories: 1. Valve sets**



**Twin entry valve straight**  
Code: VS  
Price: £16.51



**Twin entry valve angled**  
Code: VSE  
Price: £17.75



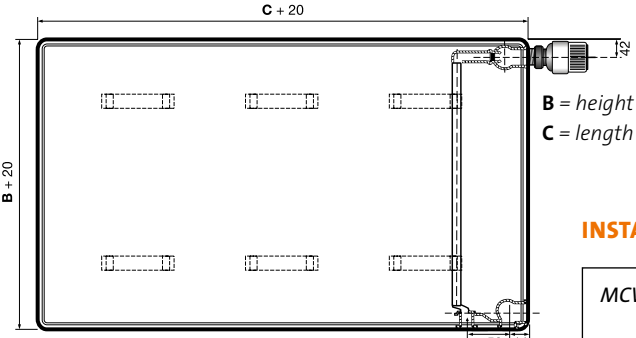
**Nut & olive pack**  
(2 nuts and 2 olives per set)  
Code: V15P  
Price: £5.58



**Adaptor**  
(2 required per valve set)  
Code: ADAPTOR  
Price: £1.05 (each)

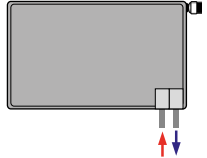
TRV heads must also be ordered separately  
- please refer to page 54.

TECHNICAL INFORMATION

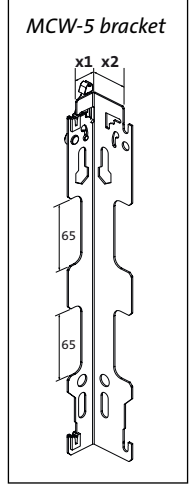


| type  | height (B) | length (C) | 4x |
|-------|------------|------------|----|
| 21/22 | 600        | <2000      | x  |

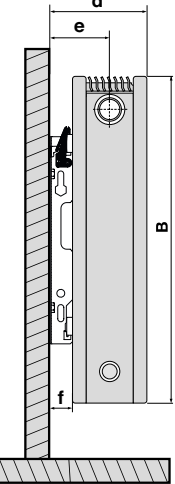
**CONNECTION OPTIONS**  
2 x Ø ½" (15/21)  
- bottom right, left  
available on request.



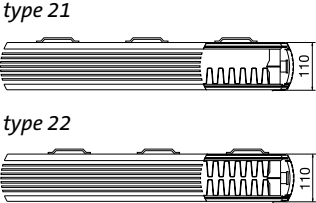
INSTALLATION



TOP VIEW



SIDE VIEW



| narrow assembly<br>X1 = 24mm                   | wide assembly<br>X2 = 39.5mm       |
|------------------------------------------------|------------------------------------|
| all types<br>d : 141mm<br>e : 84mm<br>f : 30mm | d : 157mm<br>e : 100mm<br>f : 46mm |

B = height



# TINOS

The modern and stylish Tinos is a decorative vertical radiator. Its grand front panel with straight edge covers the latest in heating technology.



**HEIGHT**  
1800mm

**WIDTH**  
475, 625mm

**TYPE**  
TIV11, 21

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours. See page 52 for colour options.

- **Operating pressure:**  
Tested to a pressure of 8 bar.  
Working pressure of up to 6 bar.
- **Connections:** 6 x 1/2" BSP.  
See page 39 for connection options.
- **Warranty:** 10 years.
- **Accessories:**



### 1. Towel bar

| length         | code       | £             |
|----------------|------------|---------------|
| <b>Type 11</b> |            |               |
| 475mm          | TINOS11475 | <b>170.21</b> |
| 625mm          | TINOS11625 | <b>177.26</b> |
| <b>Type 21</b> |            |               |
| 475mm          | TINOS21475 | <b>170.21</b> |
| 625mm          | TINOS21625 | <b>177.26</b> |



### 2. Two-pipe valve set

Straight Chrome  
Code: C061  
Price: **£101.15**



Angle Chrome  
Code: C063  
Price: **£101.15**

# TINOS

type 11, 21



### type 11

ORDER CODE : **TIV11XXXXYYY**  
EXAMPLE : TIV111800475

radiator  
type  
height  
width

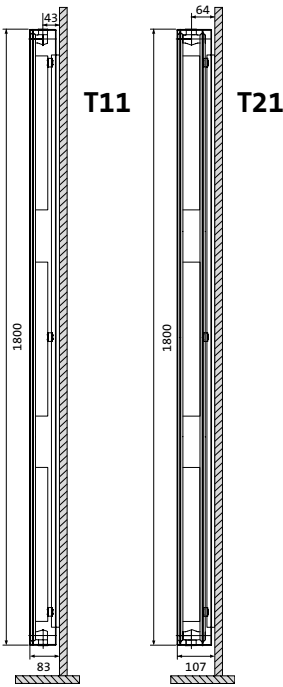
### type 21

ORDER CODE : **TIV21XXXXYYY**  
EXAMPLE : TIV211800475

radiator  
type  
height  
width

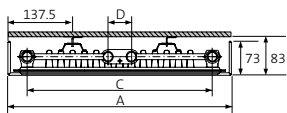
## TECHNICAL INFORMATION

### SIDE VIEW

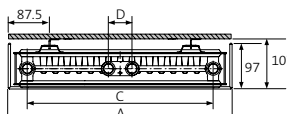


### TOP VIEW

#### type 11

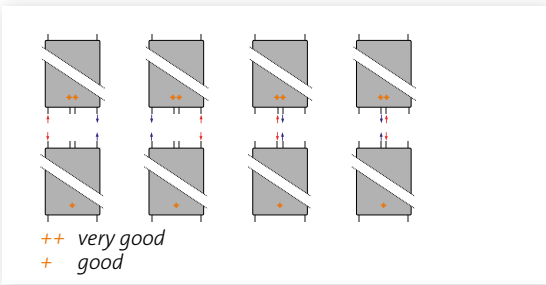


#### type 21



### CONNECTION OPTIONS

6 x 1/2" BSP (15/21).  
Tinos can be used in 2-pipe systems and in 1-pipe systems, when the valve set is used.



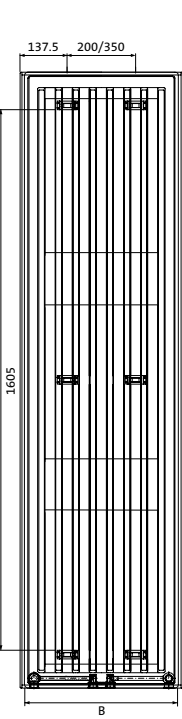
| width |               | height          |                 |
|-------|---------------|-----------------|-----------------|
|       |               | type 11<br>1800 | type 21<br>1800 |
| 475   | 75/65/20 Watt | 976             | 1329            |
|       | 55/45/20 Watt | 509             | 677             |
|       | £             | <b>331.12</b>   | <b>501.78</b>   |
| 625   | 75/65/20 Watt | 1298            | 1772            |
|       | 55/45/20 Watt | 678             | 903             |
|       | £             | <b>367.14</b>   | <b>556.06</b>   |

|     |             |               |               |
|-----|-------------|---------------|---------------|
| 475 | value n     | <b>1.2761</b> | <b>1.3192</b> |
|     | volume l/m  | <b>5.25</b>   | <b>9.66</b>   |
|     | weight kg/m | <b>30.37</b>  | <b>45.12</b>  |
| 625 | value n     | <b>1.2711</b> | <b>1.3192</b> |
|     | volume l/m  | <b>7.00</b>   | <b>12.88</b>  |
|     | weight kg/m | <b>39.73</b>  | <b>60.16</b>  |

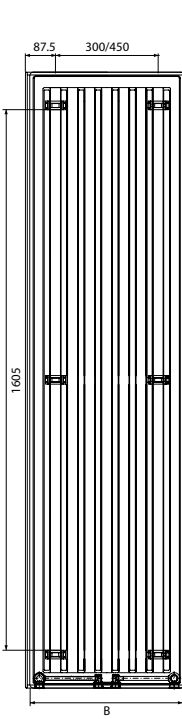
according to EN 442 - 75/65/20°C (ΔT 50)  
and 55/45/20°C (ΔT 30)  
• heat outputs are measured with bottom connection  
To calculate from Watts to BTUs multiply by  
3.412 (1000 watts x 3.412 = 3,412 BTUs).  
Featured radiators are available from stock,  
delivery time: 2-5 working days

### INSTALLATION

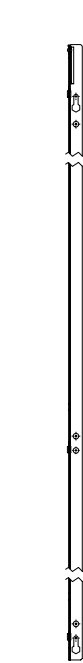
#### type 11



#### type 21



#### bracket MCW-V types 11 & 21



| A<br>overall<br>width | B<br>rad<br>width | C<br>centres | D<br>centres |
|-----------------------|-------------------|--------------|--------------|
| 475                   | 450               | 394          | 50           |
| 625                   | 600               | 544          | 50           |



PAROS

type 11, 21



type 11

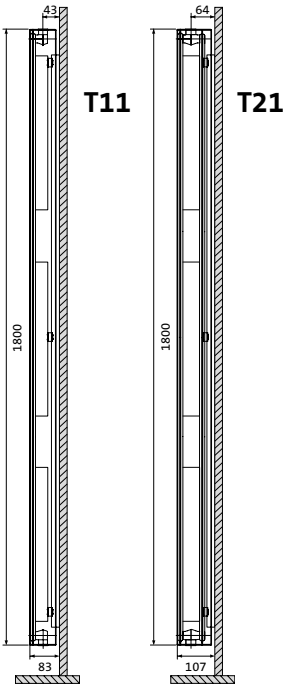
ORDER CODE : PAV11XXXXYY  
EXAMPLE : PAV111800475  
radiator  
type  
height  
width

type 21

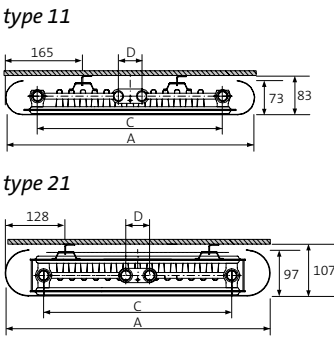
ORDER CODE : PAV21XXXXYY  
EXAMPLE : PAV211800475  
radiator  
type  
height  
width

TECHNICAL  
INFORMATION

SIDE VIEW

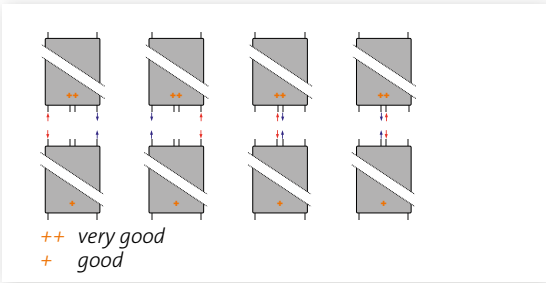


TOP VIEW



CONNECTION OPTIONS

6 x 1/2" BSP (15/21).  
Paros can be used in 2-pipe systems and in 1-pipe systems, when the valve set is used.



| width |               | height<br>type 11<br>1800 |
|-------|---------------|---------------------------|
| 530   | 75/65/20 Watt | 976                       |
|       | 55/45/20 Watt | 509                       |
|       | £             | 347.68                    |
| 680   | 75/65/20 Watt | 1298                      |
|       | 55/45/20 Watt | 678                       |
|       | £             | 385.50                    |

|     |             |        |
|-----|-------------|--------|
| 530 | value n     | 1.2761 |
|     | volume l/m  | 5.25   |
|     | weight kg/m | 30.37  |
| 680 | value n     | 1.2711 |
|     | volume l/m  | 7.00   |
|     | weight kg/m | 39.73  |

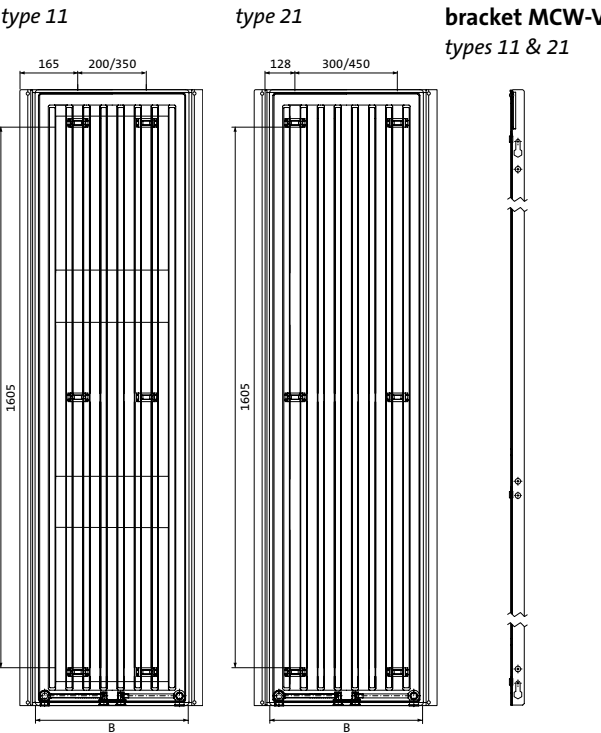
| width |               | height<br>type 21<br>1800 |
|-------|---------------|---------------------------|
| 555   | 75/65/20 Watt | 1329                      |
|       | 55/45/20 Watt | 677                       |
|       | £             | 526.87                    |
| 705   | 75/65/20 Watt | 1772                      |
|       | 55/45/20 Watt | 903                       |
|       | £             | 583.85                    |

|     |             |        |
|-----|-------------|--------|
| 555 | value n     | 1.3192 |
|     | volume l/m  | 9.66   |
|     | weight kg/m | 45.12  |
| 705 | value n     | 1.3192 |
|     | volume l/m  | 12.88  |
|     | weight kg/m | 60.16  |

according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
• heat outputs are measured with bottom connection

To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).  
Featured radiators are available from stock, delivery time: 2-5 working days

INSTALLATION



| A<br>overall<br>width | B<br>rad<br>width | C<br>centres | D<br>centres |
|-----------------------|-------------------|--------------|--------------|
| 530                   | 450               | 394          | 50           |
| 680                   | 600               | 544          | 50           |

| A<br>overall<br>width | B<br>rad<br>width | C<br>centres | D<br>centres |
|-----------------------|-------------------|--------------|--------------|
| 555                   | 450               | 394          | 50           |
| 705                   | 600               | 544          | 50           |

PAROS

The Paros has the same modern and stylish design as the Tinos, but with nicely curved sides, that covers the latest in heating technology.

- **Operating pressure:**  
Tested to a pressure of 8 bar.  
Working pressure of up to 6 bar.
- **Connections:** 6 x 1/2" BSP.  
See page 41 for connection options.
- **Warranty:** 10 years.
- **Accessories:**

**HEIGHT**  
1800mm  
**WIDTH**  
Type 11  
530, 680mm  
Type 21  
555, 705mm  
**TYPE**  
PAV11, 21

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours. See page 52 for colour options.



1. Towel bar

| length  | code       | £      |
|---------|------------|--------|
| Type 11 |            |        |
| 530mm   | PAROS11530 | 170.21 |
| 680mm   | PAROS11680 | 177.26 |
| Type 21 |            |        |
| 555mm   | PAROS21555 | 170.21 |
| 705mm   | PAROS21705 | 177.26 |



2. Two-pipe valve set

Straight Chrome  
Code: C061  
Price: £101.15



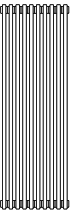
Angle Chrome  
Code: C063  
Price: £101.15



## DELTA V & DELTA H

Fully laser-welded, steel column radiators. Pipe sections and end pieces are welded by laser to columns and blocks. Pipes are smoothed on the outside to obtain the characteristic Delta “D-tubular section”. This results in higher heat outputs. Laser welding results in barely visible welded joints.

Accessories included in the packaging and the price: brackets, 1 airvent, 1 radiator plug, screws and plugs.



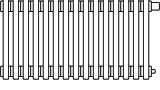
**DELTA V**

**HEIGHT**  
2000mm

**TYPE**  
2 Column

**WIDTH**  
300, 400,  
500, 600,  
750mm

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special  
colours are available upon  
request. Please note, there  
is a 25% supplement for  
non-standard colours. See  
page 52 for colour options.



**DELTA H**

**HEIGHT**  
300, 450,  
600, 750mm

**TYPE**  
2, 3 & 4 Column

**FINISH**  
White RAL 9016.  
Other RAL, sanitary and special  
colours are available upon  
request. Please note, there  
is a 25% supplement for  
non-standard colours. See  
page 52 for colour options.

### Hygiene Certificate

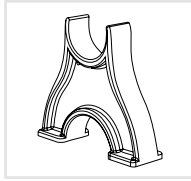
*Delta radiators have very low dust emission and are easy to clean. We have been awarded the “Hygiene Certificate” to demonstrate this. This makes the radiators ideal for use in hospitals, schools etc.*

- **Operating pressure:**  
Tested to a pressure of 13 bar.  
Working pressure of up to 10 bar.
- **Connections:** 4 x ½" BSP.  
See page 45 for connection options.
- **Warranty:** 10 years.
- **Accessories:**



#### 1. Towel bar

| width  | code          | £      |
|--------|---------------|--------|
| 300mm  | DELTARAIL300  | 109.49 |
| 440mm  | DELTARAIL400  | 109.49 |
| 500mm  | DELTARAIL500  | 109.49 |
| 600mm  | DELTARAIL600  | 109.49 |
| 750mm  | DELTARAIL750  | 109.49 |
| 1000mm | DELTARAIL1000 | 109.49 |



#### 2. Decorative foot

For aesthetic puposes and not load bearing.  
Code: COLDECFT  
Price: **£29.26**



#### 3. Radiator pack

TRV and Lockshield - for standard connction.  
Code: 2TRVPURPK  
Price: **£20.29**

## DELTA V

| sections | width | height        |           |
|----------|-------|---------------|-----------|
|          |       | 2 column      | 2000      |
| 6        | 300   | order code    | 6COL2200  |
|          |       | 75/65/20 Watt | 881       |
|          |       | 55/45/20 Watt | 443       |
|          |       | £             | 240.06    |
| 8        | 400   | order code    | 8COL2200  |
|          |       | 75/65/20 Watt | 1174      |
|          |       | 55/45/20 Watt | 590       |
|          |       | £             | 319.26    |
| 10       | 500   | order code    | 10COL2200 |
|          |       | 75/65/20 Watt | 1468      |
|          |       | 55/45/20 Watt | 738       |
|          |       | £             | 382.41    |
| 12       | 600   | order code    | 12COL2200 |
|          |       | 75/65/20 Watt | 1762      |
|          |       | 55/45/20 Watt | 886       |
|          |       | £             | 445.21    |
| 15       | 750   | order code    | 15COL2200 |
|          |       | 75/65/20 Watt | 2202      |
|          |       | 55/45/20 Watt | 1107      |
|          |       | £             | 557.87    |



according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2- 5 working days

## DELTA H

| sections | length | height        |           |           |           |           |           |           |           |           |
|----------|--------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|          |        | 2 column      |           |           | 3 column  |           |           | 4 column  |           |           |
|          |        | 450           | 600       | 300       | 450       | 600       | 750       | 600       | 750       |           |
| 12       | 600    | order code    | 12COL2045 | 12COL2060 |           | 12COL3045 | 12COL3060 | 12COL3075 | 12COL4060 | 12COL4075 |
|          |        | 75/65/20 Watt | 436       | 564       |           | 606       | 781       | 953       | 997       | 1214      |
|          |        | 55/45/20 Watt | 231       | 299       |           | 320       | 410       | 497       | 519       | 626       |
|          |        | £             | 251.72    | 277.43    |           | 309.41    | 359.38    | 435.98    | 405.56    | 526.25    |
| 16       | 800    | order code    | 16COL2045 | 16COL2060 | 16COL3030 | 16COL3045 | 16COL3060 | 16COL3075 | 16COL4060 | 16COL4075 |
|          |        | 75/65/20 Watt | 581       | 752       | 566       | 808       | 1042      | 1270      | 1330      | 1619      |
|          |        | 55/45/20 Watt | 308       | 399       | 298       | 426       | 547       | 662       | 692       | 834       |
|          |        | £             | 328.10    | 363.90    | 398.98    | 408.67    | 467.23    | 575.04    | 562.66    | 675.59    |
| 20       | 1000   | order code    | 20COL2045 | 20COL2060 | 20COL3030 | 20COL3045 | 20COL3060 | 20COL3075 | 20COL4060 | 20COL4075 |
|          |        | 75/65/20 Watt | 726       | 940       | 708       | 1010      | 1302      | 1588      | 1662      | 2024      |
|          |        | 55/45/20 Watt | 385       | 499       | 372       | 533       | 684       | 828       | 865       | 1043      |
|          |        | £             | 393.45    | 446.99    | 502.44    | 518.08    | 577.54    | 702.32    | 676.77    | 810.92    |
| 24       | 1200   | order code    | 24COL2045 | 24COL2060 |           | 24COL3045 | 24COL3060 | 24COL3075 | 24COL4060 | 24COL4075 |
|          |        | 75/65/20 Watt | 871       | 1128      |           | 1212      | 1562      | 1906      | 1994      | 2429      |
|          |        | 55/45/20 Watt | 462       | 598       |           | 640       | 821       | 994       | 1038      | 1252      |
|          |        | £             | 463.60    | 513.48    |           | 614.75    | 707.51    | 816.80    | 799.60    | 965.22    |
| 28       | 1400   | order code    | 28COL2045 | 28COL2060 | 28COL3030 | 28COL3045 | 28COL3060 | 28COL3075 | 28COL4060 | 28COL4075 |
|          |        | 75/65/20 Watt | 1016      | 1316      | 991       | 1414      | 1823      | 2223      | 2327      | 2834      |
|          |        | 55/45/20 Watt | 539       | 698       | 521       | 746       | 958       | 1159      | 1211      | 1460      |
|          |        | £             | 551.93    | 592.21    | 688.58    | 710.36    | 769.01    | 915.03    | 926.65    | 1087.18   |
| 36       | 1800   | order code    | 36COL2045 |           | 36COL3030 | 36COL3045 |           |           |           |           |
|          |        | 75/65/20 Watt | 1307      |           | 1274      | 1818      |           |           |           |           |
|          |        | 55/45/20 Watt | 693       |           | 670       | 960       |           |           |           |           |
|          |        | £             | 721.63    |           | 897.26    | 960.33    |           |           |           |           |

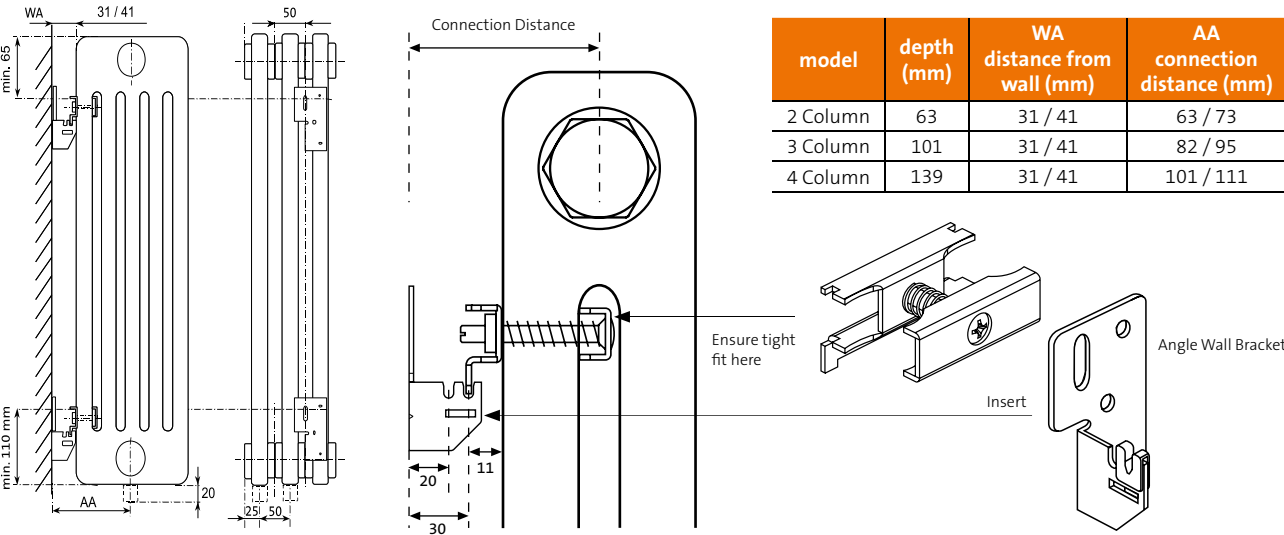
according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2- 5 working days

TECHNICAL INFORMATION

DELTA V & DELTA H

INSTALLATION - STANDARD BRACKETS (Included with every radiator)

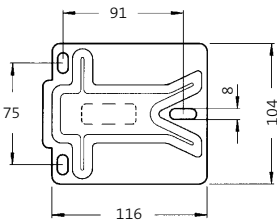
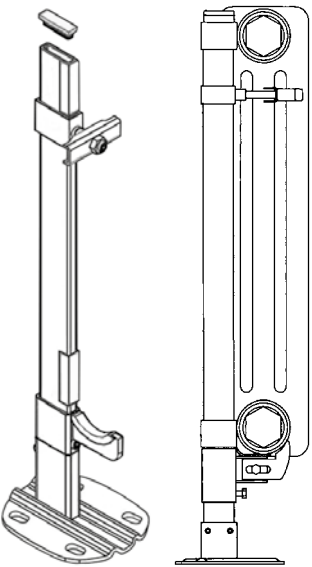


OPTIONAL EXTRA - FLOOR BRACKET SK

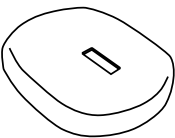
Complete system for free-standing radiators, from 2-6 column up to 1000mm height. Painted to RAL 9016.

- Comprises;
- 3mm thick base-plate for fixing to either finished or unfinished floor
  - upright support 35 x 10 x 1.5mm, fixing set with adjustable bracket, security fixing, anti-vibration insert
  - adjustable bottom support with spacer and security fixing, anti-vibration insert, white plastic end stop for top of upright.

| height of upright | height of radiator | order code | £     |
|-------------------|--------------------|------------|-------|
| 460               | 300                | SK20046    | 28.67 |
| 610               | 450                | SK20061    | 28.67 |
| 760               | 600                | SK20076    | 28.67 |
| 910               | 750                | SK20091    | 28.67 |
| Base-Plate Cover  |                    | COVERSKFK  | 10.30 |



Dimensions of base-plate for Floor Bracket SK



Two-part cover for base-plate in plastic white RAL 9016 only

DELTA V & DELTA H

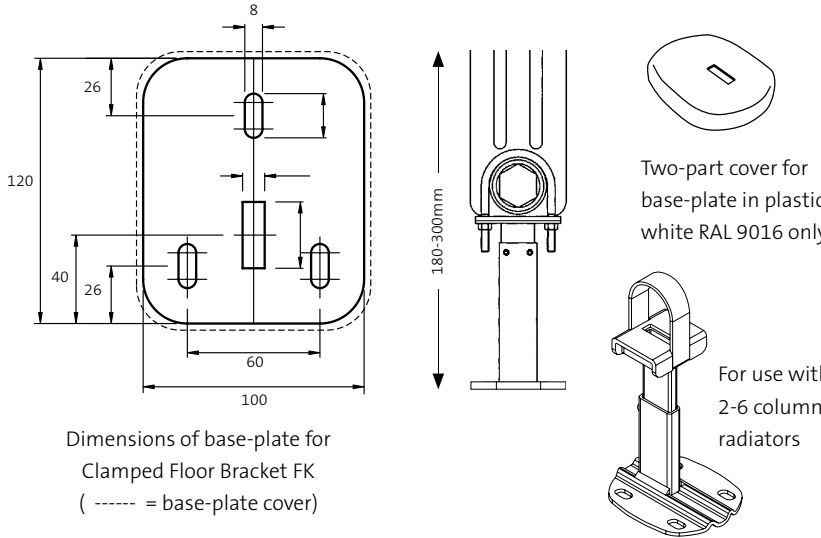
TECHNICAL INFORMATION (CONT...)

OPTIONAL EXTRA - FLOOR BRACKET FK

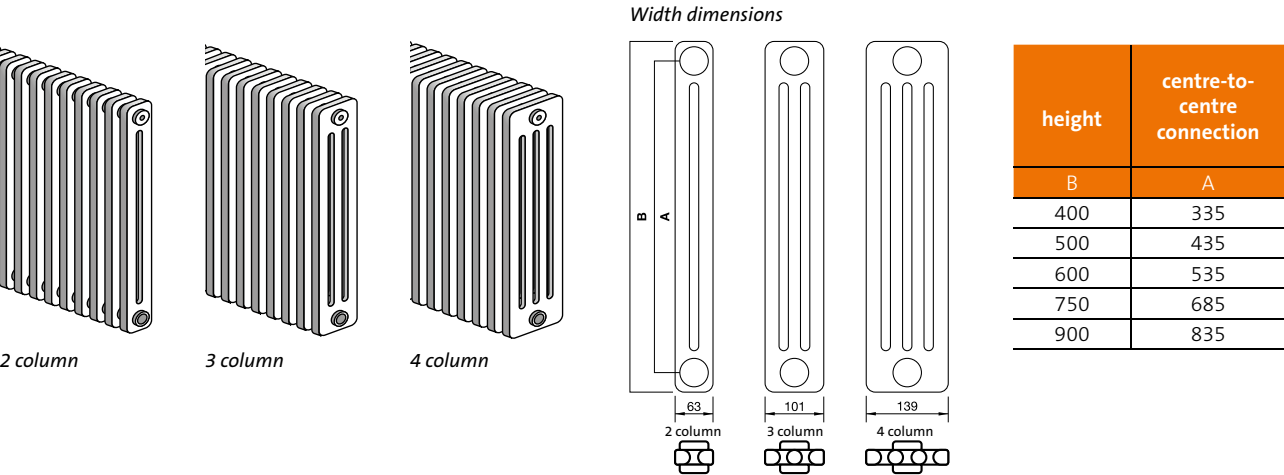
Complete system for free-standing radiators, from 2-6 column up to 500mm height. Can also be used in conjunction with supplied wall brackets as extra stability for stud walls. Painted to RAL 9016.

- Comprises;
- 3mm thick base-plate fixing for either finished or unfinished floor

| clamped floor bracket FK | order code | £     |
|--------------------------|------------|-------|
| For 2-6 Column Rads.     | FK1021     | 28.67 |
| Base-Plate Cover         | COVERSKFK  | 10.30 |

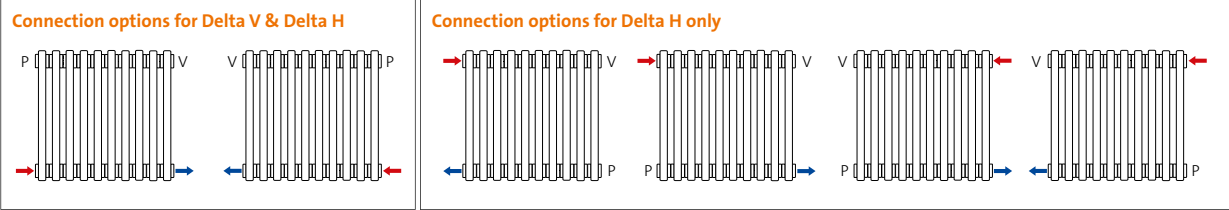


SIDE VIEW



CONNECTION OPTIONS

All Delta radiators are manufactured with an internal baffle to help with water flow. The tapping with the baffle is identified with a red plastic cap, all others being blue. It is important that the water inlet is connected to the tapping identified in red. All Delta radiators are reversible so any of the following connections are possible:





LEROS



A = centre-to-centre connections  
B = height  
C = width  
D = centre-to-centre brackets HORI  
X = centre-to-centre brackets VERTI

| order code | A  | B    | C   | D   | X    | weight<br>(kg) | volume<br>(l) | 75/65/20 °C<br>(Watt) | 55/45/20 °C<br>(Watt) | colour         | £      |
|------------|----|------|-----|-----|------|----------------|---------------|-----------------------|-----------------------|----------------|--------|
| LER1206M   | 50 | 1224 | 600 | 500 | 924  | 11.55          | 5.85          | 607                   | 325                   | white          | 551.40 |
| LER1806M   | 50 | 1812 | 600 | 500 | 1512 | 16.45          | 8.25          | 870                   | 464                   | white          | 672.03 |
| LER1206MB  | 50 | 1224 | 600 | 500 | 924  | 11.55          | 5.85          | 607                   | 325                   | black textured | 689.24 |
| LER1806MB  | 50 | 1812 | 600 | 500 | 1512 | 16.45          | 8.25          | 870                   | 464                   | black textured | 840.03 |

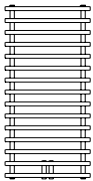
according to EN 442 - 75/65/20°C (ΔT 50) and 55/45/20°C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2-5 working days

LEROS

The Leros bathroom radiator is an impressive addition to the Purmo range. Its modern styling, contemporary appearance and well thought out design inspire confidence in the quality associated with the Purmo name. The large diameter of the tubes (28mm) provide a solid and stylish appearance whilst the larger gaps offer a practical solution for placing towels. The Leros is stocked in white and black textured and also available in a range of colours. Its striking design will stand out in any bathroom.

- **Operating pressure:**  
Tested to a pressure of 13 bar.  
Working pressure of up to 10 bar.
- **Connections:** 4 x ½" BSP.  
See page 47 for connection options.
- **Warranty:** 10 years.
- **Accessories:**  
**1. Valve sets**  
See accessories page 54 for options.



**HEIGHT**  
1224, 1812mm

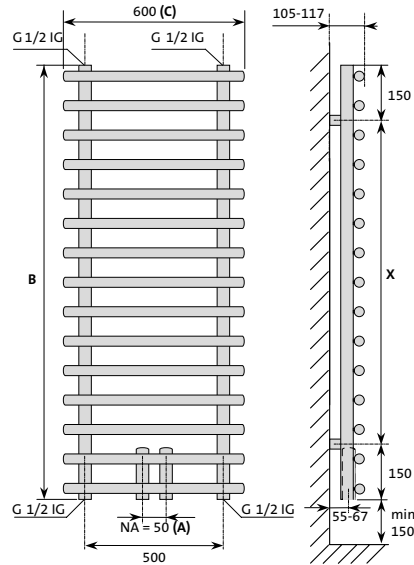
**WIDTH**  
600mm

**FINISH**  
White RAL 9016 and black textured S0141.  
Other RAL, sanitary and special colours are available upon request. Please note, there is a 25% supplement for non-standard colours. See page 52 for colour options.

TECHNICAL INFORMATION

INSTALLATION

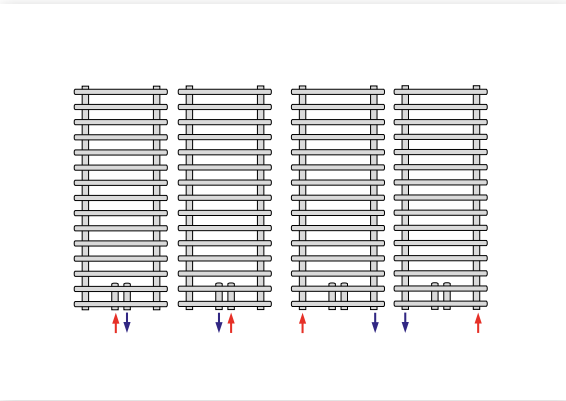
4 wall brackets.



A = centre-to-centre connections  
B = height  
C = width  
D = centre-to-centre brackets HORI  
X = centre-to-centre brackets VERTI

CONNECTION OPTIONS

- 4 connections ½" internal thread (15/21).
- When the radiator is installed using the bottom left and right connection option, rather than the mid-connection, the output is reduced due to no water flow through 2 pipes.
- Max. working temperature: 110°C





## FLORES & FLORES CH

straight white & straight chrome

The timeless Flores is ideal for any bathroom where you want understated elegance while maintaining maximum comfort. For those who want extra shine, the Chrome Flores CH is also available.

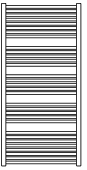
A classic design manufactured using the latest technology.

- **Operating pressure:**  
Tested to a pressure of 9.6 bar.  
Working pressure of up to 7.4 bar.
- **Connections:** 2 x ½" BSP.  
See page 50 for connection options.
- **Warranty:** 10 years.
- **Accessories:**

- 1. Various towel bars**  
See accessories page 55 for options.



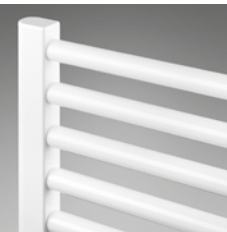
- 2. Dual fuel heater kit**  
Code: PCE450W  
Price: **£115.01**



**HEIGHT**  
770, 1150, 1430, 1755mm

**WIDTH**  
500, 600mm

**FINISH**  
White RAL 9016 or chrome



Flores



Flores CH

| FLORES - Straight white |     |      |     | weight | volume | 75/65/20 °C | 55/45/20 °C | white  |
|-------------------------|-----|------|-----|--------|--------|-------------|-------------|--------|
| order code              | A   | B    | C   | (kg)   | (l)    | (Watt)      | (Watt)      | £      |
| FLO0805                 | 455 | 770  | 500 | 7.00   | 3.54   | 362         | 191         | 170.06 |
| FLO0806                 | 555 | 770  | 600 | 7.70   | 4.04   | 426         | 226         | 179.22 |
| FLO1205                 | 455 | 1150 | 500 | 10.10  | 5.20   | 528         | 279         | 206.99 |
| FLO1206                 | 555 | 1150 | 600 | 11.30  | 5.92   | 621         | 328         | 220.73 |
| FLO1506                 | 555 | 1430 | 600 | 14.00  | 7.30   | 764         | 403         | 251.41 |
| FLO1806                 | 555 | 1755 | 600 | 16.90  | 8.84   | 931         | 492         | 290.92 |

| FLORES CH - Straight chrome |     |      |     | weight | volume | 75/65/20 °C | 55/45/20 °C | chrome |
|-----------------------------|-----|------|-----|--------|--------|-------------|-------------|--------|
| order code                  | A   | B    | C   | (kg)   | (l)    | (Watt)      | (Watt)      | £      |
| FLO0805CH                   | 455 | 770  | 500 | 7.00   | 3.54   | 258         | 139         | 206.12 |
| FLO0806CH                   | 555 | 770  | 600 | 8.08   | 4.04   | 296         | 160         | 216.92 |
| FLO1205CH                   | 455 | 1150 | 500 | 10.10  | 5.20   | 354         | 186         | 252.15 |
| FLO1206CH                   | 555 | 1150 | 600 | 11.30  | 5.92   | 423         | 222         | 267.73 |
| FLO1506CH                   | 555 | 1430 | 600 | 14.00  | 7.30   | 508         | 268         | 330.86 |
| FLO1806CH                   | 555 | 1755 | 600 | 16.90  | 8.84   | 635         | 337         | 413.18 |

according to EN 442 - 75/65/20 °C (ΔT 50) and 55/45/20 °C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

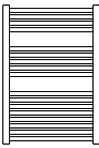
Featured radiators are available from stock, delivery time: 2-5 working days



## FLORES C CH

curved chrome

Our Flores range is also available in a curved chrome version, giving a classic look to any bathroom.



**HEIGHT**  
770, 1150, 1430, 1755mm

**WIDTH**  
500, 600mm

**FINISH**  
Chrome



| FLORES C CH - Curved chrome |     |      |     | weight | volume | 75/65/20 °C | 55/45/20 °C | chrome |
|-----------------------------|-----|------|-----|--------|--------|-------------|-------------|--------|
| order code                  | A   | B    | C   | (kg)   | (l)    | (Watt)      | (Watt)      | £      |
| FLC0805CH                   | 455 | 770  | 500 | 7.00   | 3.58   | 258         | 134         | 215.83 |
| FLC0806CH                   | 555 | 770  | 600 | 7.70   | 4.08   | 296         | 154         | 225.33 |
| FLC1205CH                   | 455 | 1150 | 500 | 10.10  | 5.25   | 354         | 186         | 262.46 |
| FLC1206CH                   | 555 | 1150 | 600 | 11.30  | 5.96   | 423         | 222         | 276.22 |
| FLC1506CH                   | 555 | 1430 | 600 | 14.00  | 7.34   | 508         | 268         | 340.66 |
| FLC1806CH                   | 555 | 1755 | 600 | 16.90  | 8.89   | 635         | 337         | 423.97 |

according to EN 442 - 75/65/20 °C (ΔT 50) and 55/45/20 °C (ΔT 30)  
To calculate from Watts to BTUs multiply by 3.412 (1000 watts x 3.412 = 3,412 BTUs).

Featured radiators are available from stock, delivery time: 2-5 working days

- **Operating pressure:**  
Tested to a pressure of 9.6 bar.  
Working pressure of up to 7.4 bar.
- **Connections:** 2 x ½" BSP.  
See page 50 for connection options.
- **Warranty:** 10 years.
- **Accessories:**

- 1. Various towel bars**  
See accessories page 55 for options.



- 2. Dual fuel heater kit**  
Code: PCE450W  
Price: **£115.01**

A = centre-to-centre connections  
B = height  
C = width

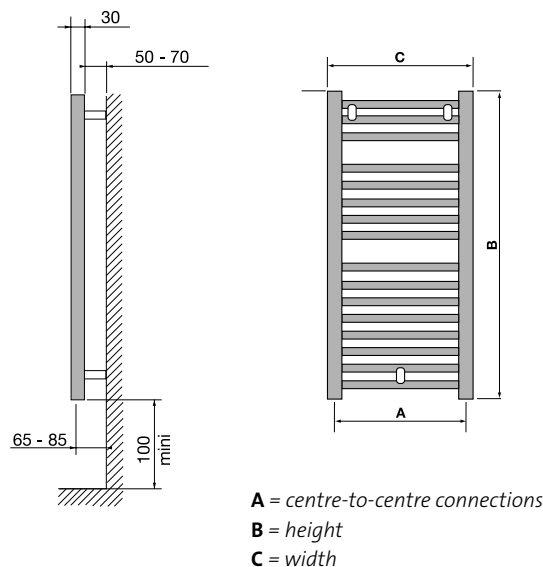
## FLORES & FLORES CH

straight white & straight chrome

### TECHNICAL INFORMATION

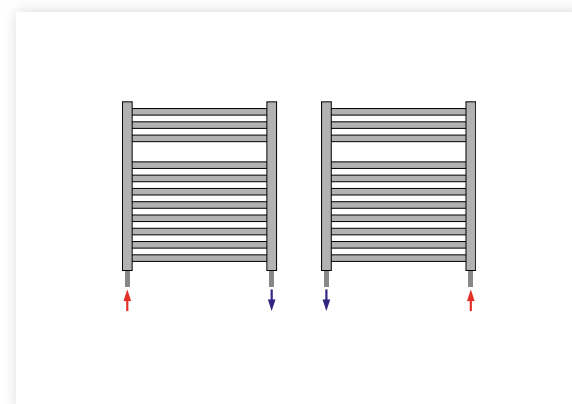
#### INSTALLATION

3 adjustable brackets to block between the pipes.  
These brackets are standard white or chrome.



#### CONNECTION OPTIONS

- Supply and return can be switched left / right
- Diameter connections: supply & return  $\varnothing \frac{1}{2}$ " (15/21)
- Max. working temperature: 110°C



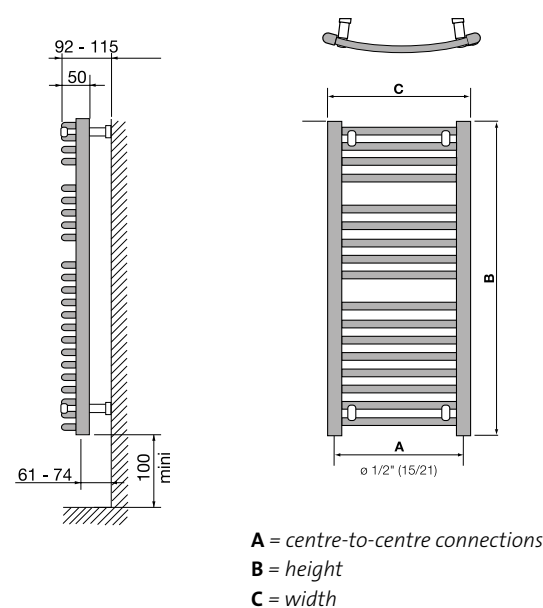
## FLORES C CH

curved chrome

### TECHNICAL INFORMATION

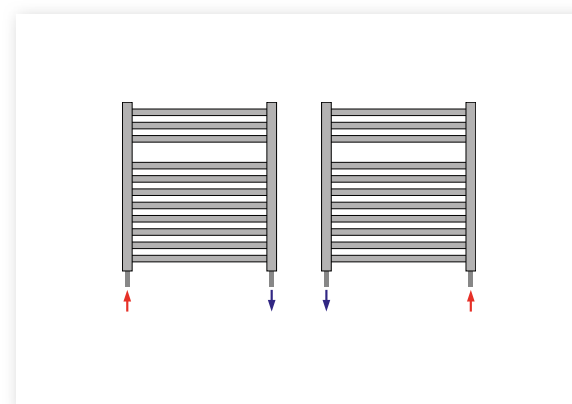
#### INSTALLATION

4 adjustable brackets to block between the pipes.  
These brackets are chrome.



#### CONNECTION OPTIONS

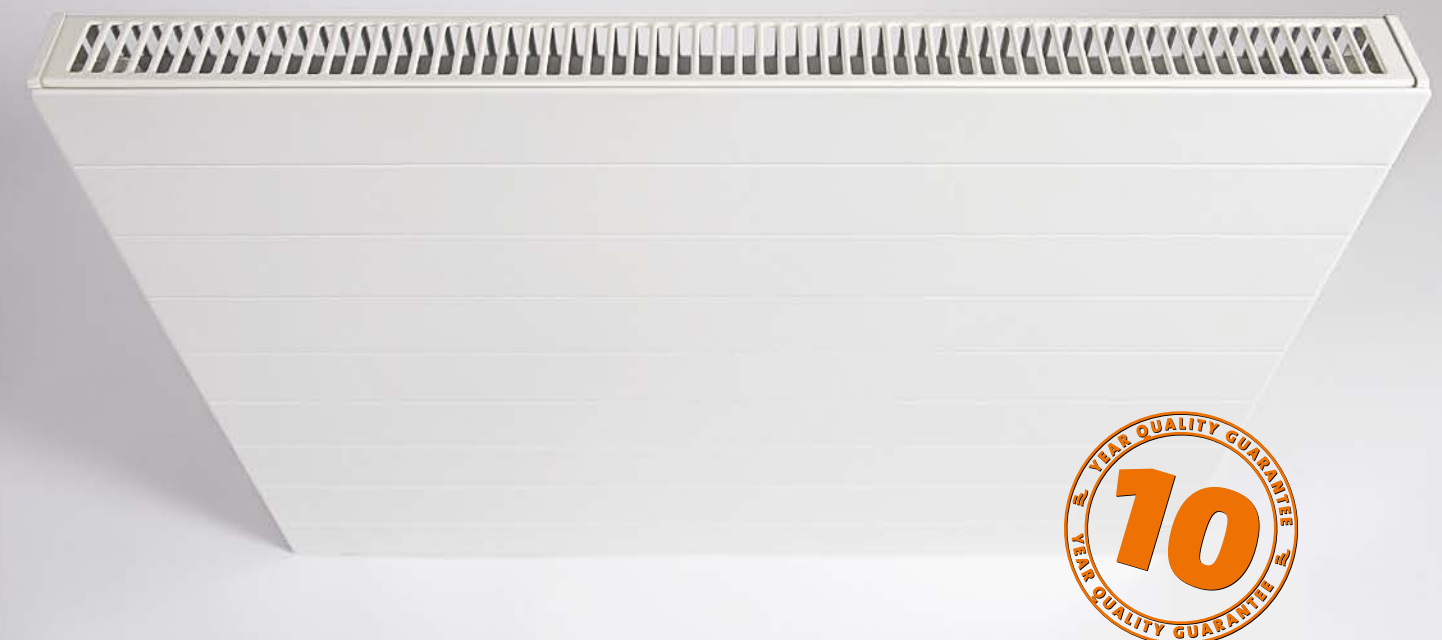
- Supply and return can be switched left / right
- Diameter connections: supply & return  $\varnothing \frac{1}{2}$ " (15/21)
- Max. working temperature: 110°C



## CHARACTERISTICS, QUALITY and DELIVERY

Purmo radiators represent the perfect combination of high technical quality, functionality and attractive design. We believe that a radiator is not just a radiator - it's an integral part of your home. As such, it deserves attention.

Purmo radiators are produced according to the highest quality standards and processes.



#### HEAT OUTPUT

Purmo radiators are designed to function on a low water content, ensuring controllable heat-up and high output. The small amount of water combined with the large convection surface means heat emission is economical. Precision placement of the water channels also ensures optimal water distribution and enhances heat transmission. All heat outputs are in accordance with EN442.

#### TEMPERATURE CONTROL

Designed to respond almost immediately to temperature fluctuations, our heating solutions ensure a consistent indoor climate.

#### ELECTRICAL WELDING

All our radiators are electrically welded and undergo comprehensive pressure testing before leaving the factory.

#### MATERIALS

To optimise the quality of heat output, design and controllability of our products, we leave nothing to chance when selecting our raw materials and components. Purmo radiators are made of high quality cold rolled sheet steel in accordance with European standards.

#### 10 YEAR GUARANTEE

Our production processes are optimised to ensure excellence. This results in an industry-leading 10 year guarantee on the complete Purmo range.

#### ORDERING AND DELIVERY

To order, simply call us on 0845 402 3434 or email us at [uk@purmo.co.uk](mailto:uk@purmo.co.uk) quoting your chosen Purmo product code, and our stocked products will be delivered to you within 2-5 working days.

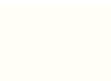


COLOUR OPTIONS

All products featured in this brochure are stocked in white (RAL 9016). Other colours are available on request (see below and right). **Please refer to individual product pages as not all products can be ordered in other RAL, sanitary or special colours. Price supplement applies on standard RAL, sanitary and special colours. Please call 0845 402 3434 for pricing.**

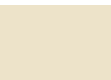
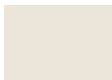
STANDARD RAL COLOURS

Purmo offers the following RAL colours. If the colour you require is not included in this colour chart, please contact our customer services for availability. **Standard RAL colours are 70% gloss.**

|                                                                                     |                              |                                                                                     |                              |                                                                                     |                             |                                                                                       |                             |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|-----------------------------|
|    | Traffic White<br>RAL 9016    |    | Traffic Blue<br>RAL 5017     |    | Red Violet<br>RAL 4002      |    | Light Grey<br>RAL 7035      |
|    | Pure White<br>RAL 9010       |    | Night Blue<br>RAL 5022       |    | Purple Violet<br>RAL 4007   |    | Window Grey<br>RAL 7040     |
|    | Cream<br>RAL 9001            |    | Ultramarine Blue<br>RAL 5002 |    | Signal Violet<br>RAL 4008   |    | Silver Grey<br>RAL 7001     |
|    | Traffic Yellow<br>RAL 1023   |    | Green Blue<br>RAL 5001       |    | Pastel Violet<br>RAL 4009   |    | Dusty Grey<br>RAL 7037      |
|    | Lemon Yellow<br>RAL 1012     |    | Jet Black<br>RAL 9005        |    | Light Pink<br>RAL 3015      |    | Stone Grey<br>RAL 7030      |
|   | Golden Yellow<br>RAL 1004    |   | Black Grey<br>RAL 7021       |   | Antique Pink<br>RAL 3014    |   | Brown Grey<br>RAL 7013      |
|  | Curry Yellow<br>RAL 1027     |  | Dahlia Yellow<br>RAL 1033    |  | Pastel Green<br>RAL 6019    |  | Slate Grey<br>RAL 7015      |
|  | Pastel Turquoise<br>RAL 6034 |  | Pastel Orange<br>RAL 2003    |  | Mint Turquoise<br>RAL 6033  |  | Anthracite Grey<br>RAL 7016 |
|  | Pigeon Blue<br>RAL 5014      |  | Pure Orange<br>RAL 2004      |  | Blue Green<br>RAL 6004      |  | Graphite Grey<br>RAL 7024   |
|  | Azure Blue<br>RAL 5009       |  | Flame Red<br>RAL 3000        |  | Chocolate Brown<br>RAL 8017 |  | White Aluminium<br>RAL 9006 |
|  | Sky Blue<br>RAL 5015         |  | Wine Red<br>RAL 3005         |  | Grey Brown<br>RAL 8019      |  | Grey Aluminium<br>RAL 9007  |

SANITARY COLOURS

Purmo offers the following sanitary colours. If the colour you require is not included in this colour chart, please contact our customer services for availability. **Sanitary colours are 50% gloss.**

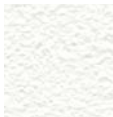
|                                                                                     |                    |                                                                                     |                   |                                                                                     |                  |                                                                                       |                       |
|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|-----------------------|
|  | Jasmine<br>S0075   |  | Pergamon<br>S0091 |  | Natural<br>S0094 |  | Bahama Beige<br>S0087 |
|  | Manhattan<br>S0088 |                                                                                     |                   |                                                                                     |                  |                                                                                       |                       |



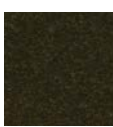
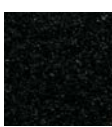
SPECIAL COLOURS

Purmo also offers the following textured, metallic and shimmer metallic colours.

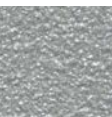
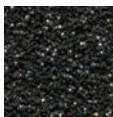
TEXTURED

|                                                                                       |                         |                                                                                       |                         |
|---------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|-------------------------|
|  | Black Textured<br>S0141 |  | White Textured<br>S0142 |
|---------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|-------------------------|

METALLIC

|                                                                                       |                        |                                                                                       |                       |                                                                                       |                       |                                                                                       |                         |
|---------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|-------------------------|
|  | Cream White<br>S0145   |  | Light Grey<br>S0143   |  | Brown Grey<br>S0144   |  | Anodic Natural<br>S0149 |
|  | Anodic Bronze<br>S0146 |  | Anodic Brown<br>S0147 |  | Anodic Black<br>S0148 |                                                                                       |                         |

SHIMMER METALLIC

|                                                                                       |                    |                                                                                       |                      |                                                                                       |                     |
|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------|---------------------|
|  | Metal Alu<br>S0201 |  | Metal Black<br>S0104 |  | Metal Grey<br>S0102 |
|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------|---------------------|

All our non-stocked and special colour items are made to order. Should an order be cancelled after it has been placed with the factory an administration fee of 30% of the product value may be applied.

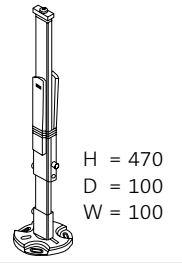
Please note: due to print restrictions exact colour match is not always possible, however every effort has been made to ensure as much accuracy as possible.

Valves & Accessories

| description                                                                         |                                                                                                                                                                                                              | details | order code | £             |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|---------------|
|    | <b>Two-pipe valve set straight*</b><br><i>Compatible with Vertical, Kos, Faro &amp; Leros</i><br>2 x ¾"<br>2 adapter nipples ½"<br>incl. thermostat button and<br>supply and return reversible               | white   | C060       | <b>85.43</b>  |
|                                                                                     | <b>Two-pipe valve set straight*</b><br><i>Compatible with Vertical, Kos, Faro, Tinos, Paros &amp; Leros</i><br>2 x ¾"<br>2 adapter nipples ½"<br>incl. thermostat button and<br>supply and return reversible | chrome  | C061       | <b>101.15</b> |
|    | <b>Two-pipe valve set angle*</b><br><i>Compatible with Vertical, Kos, Faro &amp; Leros</i><br>2 x ¾"<br>2 adapter nipples ½"<br>incl. thermostat button and<br>supply and return reversible                  | white   | C062       | <b>85.43</b>  |
|                                                                                     | <b>Two-pipe valve set angle*</b><br><i>Compatible with Vertical, Kos, Faro, Tinos, Paros &amp; Leros</i><br>2 x ¾"<br>2 adapter nipples ½"<br>incl. thermostat button and<br>supply and return reversible    | chrome  | C063       | <b>101.15</b> |
|   | <b>Radiator pack</b><br><i>Compatible with Compact, Plan Compact, Ramo, Vertical, Kos V, Faro V &amp; Delta</i>                                                                                              |         | 2TRVPURPK  | <b>20.29</b>  |
|  | <b>Thermostatic head only</b><br>Accessory for Radiator Pack<br><i>Also compatible with Kos H &amp; Faro H</i>                                                                                               | chrome  | 595591     | <b>31.37</b>  |
|  | <b>Thermostatic head only</b><br>Accessory for Radiator Pack<br><i>Also compatible with Kos H &amp; Faro H</i>                                                                                               | white   | 2TRVPURHD  | <b>15.52</b>  |
|  | <b>Nut &amp; olive pack</b><br>(2 nuts and 2 olives per set)                                                                                                                                                 | 15mm    | V15P       | <b>5.58</b>   |

\*Must be ordered with a 15mm nut and olive pack (V15P)

Brackets & Accessories

| description                                                                                                                    |                                                                                                                           | details | order code | £            |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------|------------|--------------|
|  <div>H = 470<br/>D = 100<br/>W = 100</div> | <b>Universal floor fixing bracket</b><br><i>Compatible with Compact, Plan Compact and Ramo Types 21, 22 &amp; 33 only</i> |         | RH033      | <b>29.55</b> |
|                                                                                                                                | <b>Cover plate</b>                                                                                                        |         | RH034      | <b>3.40</b>  |
|                                                                                                                                | <b>Cover sleeve</b>                                                                                                       |         | RH035      | <b>3.40</b>  |
|                                                                                                                                |                                                                                                                           |         |            |              |

Radiator Accessories

| description                                                                           |                                                                                                                                                                                                | details          | order code    | £             |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|---------------|
|    | <b>Towel bar</b><br><i>Compatible with Compact</i>                                                                                                                                             | 450mm            | 589450        | <b>27.25</b>  |
|                                                                                       |                                                                                                                                                                                                | 500mm            | 589500        | <b>27.25</b>  |
|                                                                                       |                                                                                                                                                                                                | 600mm            | 589600        | <b>27.25</b>  |
|                                                                                       |                                                                                                                                                                                                | 750mm            | 589750        | <b>27.25</b>  |
|                                                                                       |                                                                                                                                                                                                | 900mm            | 589900        | <b>28.12</b>  |
|                                                                                       |                                                                                                                                                                                                | 1050mm           | 589105        | <b>28.13</b>  |
|    | <b>Towel bar</b><br><i>Compatible with Vertical</i>                                                                                                                                            | 300mm            | VRTRAIL300    | <b>25.27</b>  |
|                                                                                       |                                                                                                                                                                                                | 450mm            | VRTRAIL450    | <b>25.27</b>  |
|                                                                                       |                                                                                                                                                                                                | 600mm            | VRTRAIL600    | <b>26.40</b>  |
|                                                                                       |                                                                                                                                                                                                | 750mm            | VRTRAIL750    | <b>29.06</b>  |
|    | <b>Towel bar</b><br><i>Compatible with Kos V &amp; Faro V</i><br>Matte brushed stainless steel                                                                                                 | 300mm            | VRTRAILBR300  | <b>175.02</b> |
|                                                                                       |                                                                                                                                                                                                | 450mm            | VRTRAILBR450  | <b>175.02</b> |
|                                                                                       |                                                                                                                                                                                                | 600mm            | VRTRAILBR600  | <b>182.95</b> |
|                                                                                       |                                                                                                                                                                                                | 750mm            | VRTRAILBR750  | <b>190.83</b> |
|    | <b>Towel bar</b><br><i>Compatible with Tinos</i>                                                                                                                                               | Type 11<br>475mm | TINOS11475    | <b>170.21</b> |
|                                                                                       |                                                                                                                                                                                                | Type 21<br>625mm | TINOS11625    | <b>177.26</b> |
|                                                                                       |                                                                                                                                                                                                | Type 11<br>475mm | TINOS21475    | <b>170.21</b> |
|                                                                                       |                                                                                                                                                                                                | Type 21<br>625mm | TINOS21625    | <b>177.26</b> |
|    | <b>Towel bar</b><br><i>Compatible with Paros</i>                                                                                                                                               | Type 11<br>530mm | PAROS11530    | <b>170.21</b> |
|                                                                                       |                                                                                                                                                                                                | Type 21<br>680mm | PAROS11680    | <b>177.26</b> |
|                                                                                       |                                                                                                                                                                                                | Type 11<br>555mm | PAROS21555    | <b>170.21</b> |
|                                                                                       |                                                                                                                                                                                                | Type 21<br>705mm | PAROS21705    | <b>177.26</b> |
|   | <b>V-knob</b> - per pair<br><i>Compatible with Flores</i>                                                                                                                                      | white            | PATVRBL       | <b>14.62</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | PATVRCH       | <b>14.62</b>  |
|  | <b>Towel ring</b><br><i>Compatible with Flores</i>                                                                                                                                             | white            | ANORBL        | <b>38.22</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | ANORCH        | <b>38.22</b>  |
|  | <b>Round knobs</b> - per pair<br><i>Compatible with Flores</i>                                                                                                                                 | white            | PATRBL        | <b>14.62</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | PATRCH        | <b>14.62</b>  |
|  | <b>Grill</b><br><i>Compatible with 600mm wide Flores only</i>                                                                                                                                  | white            | GRILLBL       | <b>79.81</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | GRILLCH       | <b>79.81</b>  |
|  | <b>Towel bar - straight</b><br><i>Compatible with 500mm wide Flores</i><br>Bar length = 370mm<br><b>Towel bar - straight</b><br><i>Compatible with 600mm wide Flores</i><br>Bar length = 470mm | white            | BARR40BL      | <b>30.36</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | BARR40CH      | <b>30.36</b>  |
|  | <b>Towel bar - straight</b><br><i>Compatible with 500mm wide Flores</i><br>Bar length = 370mm<br><b>Towel bar - curved</b><br><i>Compatible with 600mm wide Flores</i><br>Bar length = 470mm   | white            | BARR50BL      | <b>34.84</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | BARR50CH      | <b>34.84</b>  |
|  | <b>Towel bar - curved</b><br><i>Compatible with 500mm wide Flores</i><br>Bar length = 370mm<br><b>Towel bar - curved</b><br><i>Compatible with 600mm wide Flores</i><br>Bar length = 470mm     | white            | BARR40CBL     | <b>33.72</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | BARR40CCH     | <b>33.72</b>  |
|  | <b>Towel bar</b><br><i>Compatible with Delta</i>                                                                                                                                               | white            | BARR50CBL     | <b>38.22</b>  |
|                                                                                       |                                                                                                                                                                                                | chrome           | BARR50CCH     | <b>38.22</b>  |
|  | <b>Towel bar</b><br><i>Compatible with Delta</i>                                                                                                                                               |                  | DELTARAIL300  | <b>109.49</b> |
|                                                                                       |                                                                                                                                                                                                |                  | DELTARAIL400  | <b>109.49</b> |
|                                                                                       |                                                                                                                                                                                                |                  | DELTARAIL500  | <b>109.49</b> |
|                                                                                       |                                                                                                                                                                                                |                  | DELTARAIL600  | <b>109.49</b> |
|                                                                                       |                                                                                                                                                                                                |                  | DELTARAIL750  | <b>109.49</b> |
|                                                                                       |                                                                                                                                                                                                |                  | DELTARAIL1000 | <b>109.49</b> |
|                                                                                       |                                                                                                                                                                                                |                  |               |               |