

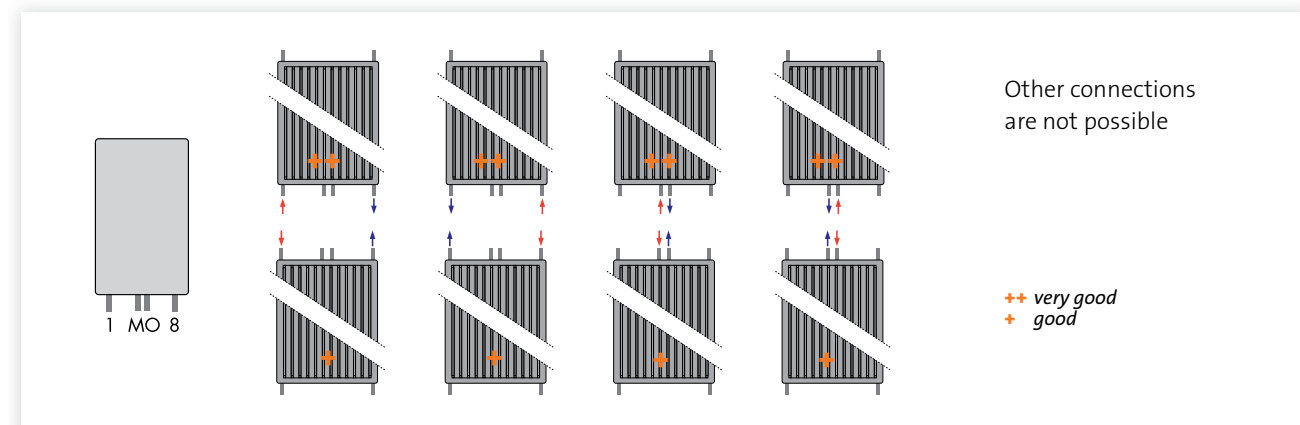


## VERTICAL

The 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 the 10 and 20C types) and side covers (except for the 10 type). They have no top grille.

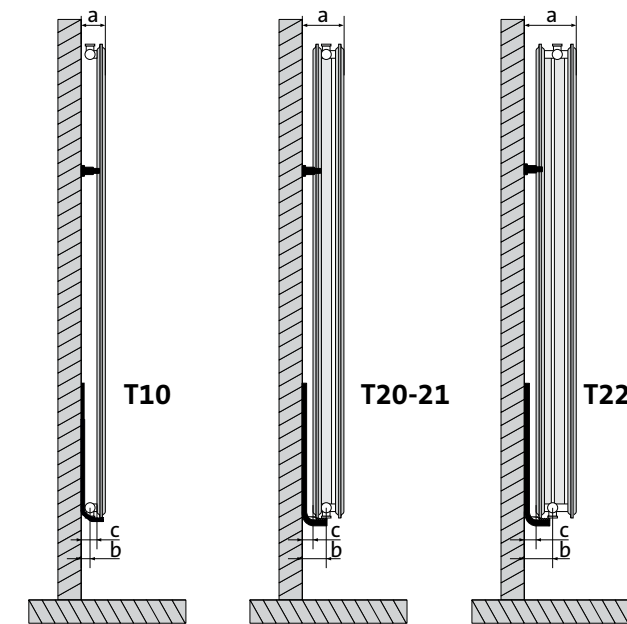
- Accessories included in the packaging and the price : brackets, 2 side covers (exc. type 10C), installation clips, 1 rotating airvent, 3 blank caps, screws and plugs.
- Connections : 6 x 1/2" BSP (15/21). A vertical radiator can be used in 2-pipe systems and in 1-pipe systems, when the valve set is used.
- Installation : with brackets.
- Colours : prices are based on white RAL 9016. Other RAL and special colours are available upon request with a 25% supplement.
- Accessories : please refer to the separate accessories brochure.

### CONNECTION OPTIONS



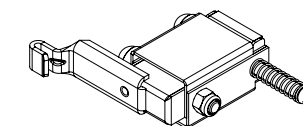
## VERTICAL

### INSTALLATION

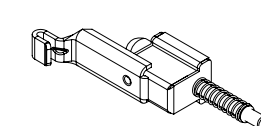


| type 10C  | type 20C + 21C | type 22C   |
|-----------|----------------|------------|
| a : 80 mm | a : 108 mm     | a : 133 mm |
| b : 43 mm | b : 67 mm      | b : 67 mm  |
| c : 65 mm | c : 27 mm      | c : 27 mm  |

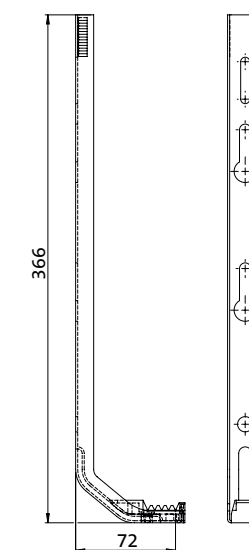
mounting top bracket T10



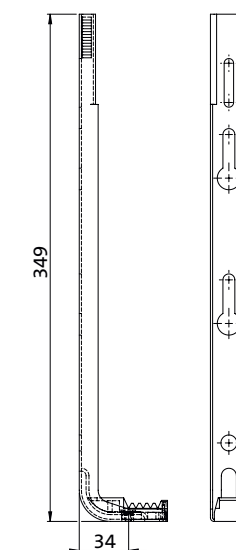
mounting top bracket T20-21-22



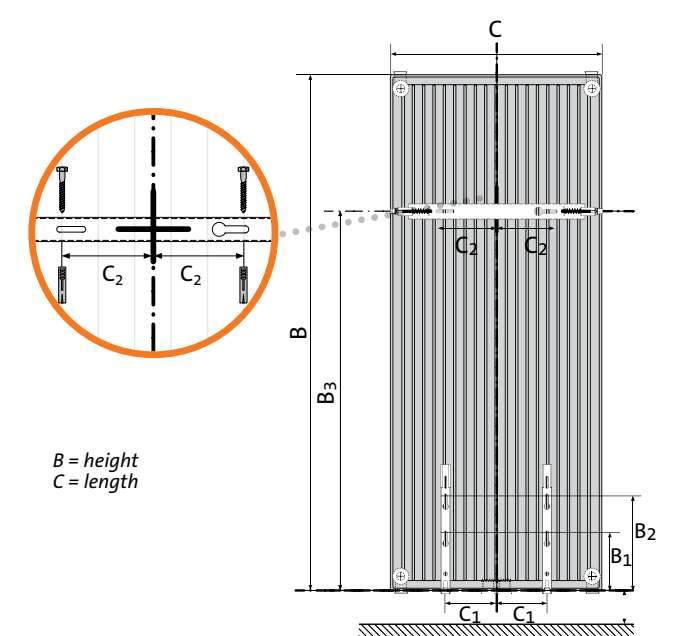
bottom bracket T10



bottom bracket T20-21-22



dimensions in mm



B = height  
C = length

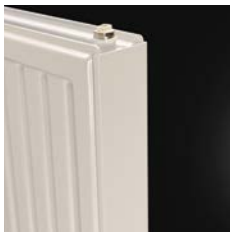
| B              | 1500      | 1800            | 1950 | 2100 | 2300 |
|----------------|-----------|-----------------|------|------|------|
| B <sub>3</sub> | 1150      | 1450            | 1600 | 1750 | 1950 |
| B <sub>1</sub> | T10 = 170 | T20-21-22 = 150 |      |      |      |
| B <sub>2</sub> | T10 = 270 | T20-21-22 = 250 |      |      |      |

| type | 1500 | 1800  | 1950  | 2100  | 2300  |
|------|------|-------|-------|-------|-------|
| 10C  | 9.83 | 10.13 | 11.07 | 12.00 |       |
| 20C  |      | 21.83 | 23.78 | 25.65 |       |
| 21C  |      | 21.47 | 24.13 | 25.47 |       |
| 22C  |      | 21.60 | 23.13 | 24.67 | 26.67 |

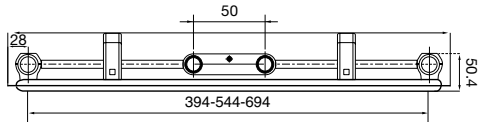
| type | 1500  | 1800  | 1950   | 2100   | 2300   |
|------|-------|-------|--------|--------|--------|
| 10C  | 31.33 | 37.47 | 38.67  | 40.13  |        |
| 20C  |       | 71.33 | 77.07  | 81.73  |        |
| 21C  |       | 83.07 | 91.33  | 96.93  |        |
| 22C  |       | 93.87 | 102.33 | 110.80 | 118.27 |

VERTICAL

type 10



ORDER CODE : **VR10**XXXXXXXXXX  
EXAMPLE : **VR10**1800600  
radiator  
type  
height  
length



| length |               | height |        |        |        |
|--------|---------------|--------|--------|--------|--------|
|        |               | 1500   | 1800   | 1950   | 2100   |
| 300    | 75/65/20 Watt |        |        |        |        |
|        | 55/45/20 Watt |        |        |        |        |
|        | £             |        |        |        |        |
| 450    | 75/65/20 Watt | 650    | 765    | 819    | 876    |
|        | 55/45/20 Watt | 335    | 389    | 413    | 439    |
|        | £             | 179.55 | 203.86 | 214.98 | 225.75 |
| 600    | 75/65/20 Watt | 867    | 1020   | 1092   | 1168   |
|        | 55/45/20 Watt | 447    | 518    | 551    | 585    |
|        | £             | 201.73 | 230.40 | 243.78 | 256.92 |
| 750    | 75/65/20 Watt |        | 1275   | 1365   | 1460   |
|        | 55/45/20 Watt |        | 648    | 689    | 732    |
|        | £             |        | 262.36 | 278.01 | 293.57 |

| value n | 1.2976 | 1.3246 | 1.3381 | 1.3516 |
|---------|--------|--------|--------|--------|
|---------|--------|--------|--------|--------|

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

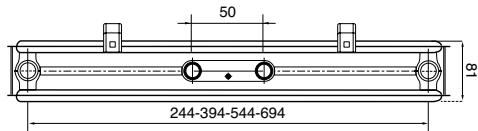
To calculate from Watts to BTU's multiply by 3.412 (1000 watts x 3.412 = 3,412 btu's).

VERTICAL

type 20



ORDER CODE : **VR20**XXXXXXXXXX  
EXAMPLE : **VR20**1800600  
radiator  
type  
height  
length



| length |               | height |        |        |        |
|--------|---------------|--------|--------|--------|--------|
|        |               | 1500   | 1800   | 1950   | 2100   |
| 300    | 75/65/20 Watt |        | 819    | 877    | 935    |
|        | 55/45/20 Watt |        | 420    | 448    | 477    |
|        | £             |        | 313.31 | 332.29 | 350.95 |
| 450    | 75/65/20 Watt |        | 1229   | 1315   | 1403   |
|        | 55/45/20 Watt |        | 629    | 672    | 716    |
|        | £             |        | 339.06 | 359.65 | 379.82 |
| 600    | 75/65/20 Watt |        | 1638   | 1753   | 1870   |
|        | 55/45/20 Watt |        | 839    | 896    | 954    |
|        | £             |        | 391.94 | 416.83 | 441.33 |
| 750    | 75/65/20 Watt |        | 2048   | 2192   | 2338   |
|        | 55/45/20 Watt |        | 1049   | 1120   | 1193   |
|        | £             |        | 452.21 | 481.18 | 510.23 |

| value n | 1.3094 | 1.3135 | 1.3176 |
|---------|--------|--------|--------|
|---------|--------|--------|--------|

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

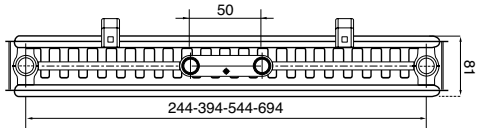
To calculate from Watts to BTU's multiply by 3.412 (1000 watts x 3.412 = 3,412 btu's).

 stocked item

Prices exclude VAT

VERTICAL

type 21S



ORDER CODE : **VR21S**XXXXXXXXXX  
EXAMPLE : **VR21S**1800600  
radiator  
type  
height  
length

| length |               | height |        |        |        |
|--------|---------------|--------|--------|--------|--------|
|        |               | 1500   | 1800   | 1950   | 2100   |
| 300    | 75/65/20 Watt |        | 963    | 1020   | 1081   |
|        | 55/45/20 Watt |        | 486    | 514    | 546    |
|        | £             |        | 392.09 | 419.33 | 442.06 |
| 450    | 75/65/20 Watt |        | 1445   | 1530   | 1621   |
|        | 55/45/20 Watt |        | 729    | 771    | 819    |
|        | £             |        | 424.36 | 453.84 | 478.42 |
| 600    | 75/65/20 Watt |        | 1926   | 2040   | 2162   |
|        | 55/45/20 Watt |        | 972    | 1028   | 1092   |
|        | £             |        | 491.39 | 527.60 | 556.88 |
| 750    | 75/65/20 Watt |        | 2408   | 2550   | 2702   |
|        | 55/45/20 Watt |        | 1215   | 1285   | 1365   |
|        | £             |        | 566.86 | 609.85 | 644.34 |

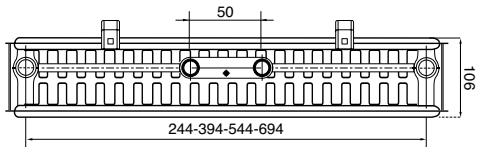
| value n | 1.3384 | 1.3422 | 1.3371 |
|---------|--------|--------|--------|
|---------|--------|--------|--------|

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

To calculate from Watts to BTU's multiply by 3.412 (1000 watts x 3.412 = 3,412 btu's).

VERTICAL

type 22



ORDER CODE : **VR22**XXXXXXXXXX  
EXAMPLE : **VR22**1800600  
radiator  
type  
height  
length

| length |               | height |        |        |        |
|--------|---------------|--------|--------|--------|--------|
|        |               | 1800   | 1950   | 2100   | 2300   |
| 300    | 75/65/20 Watt | 1132   | 1192   | 1252   | 1332   |
|        | 55/45/20 Watt | 566    | 594    | 623    | 662    |
|        | £             | 445.53 | 478.95 | 503.86 | 542.20 |
| 450    | 75/65/20 Watt | 1698   | 1788   | 1877   | 1998   |
|        | 55/45/20 Watt | 849    | 892    | 934    | 994    |
|        | £             | 482.17 | 518.34 | 545.31 | 586.78 |
| 600    | 75/65/20 Watt | 2264   | 2384   | 2503   | 2663   |
|        | 55/45/20 Watt | 1132   | 1189   | 1245   | 1325   |
|        | £             | 549.21 | 594.45 | 626.43 | 676.85 |
| 750    | 75/65/20 Watt | 2831   | 2980   | 3129   | 3329   |
|        | 55/45/20 Watt | 1415   | 1486   | 1556   | 1656   |
|        | £             | 638.79 | 693.45 | 731.15 | 798.39 |

| value n | 1.3566 | 1.3619 | 1.3672 | 1.3672 |
|---------|--------|--------|--------|--------|
|---------|--------|--------|--------|--------|

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

To calculate from Watts to BTU's multiply by 3.412 (1000 watts x 3.412 = 3,412 btu's).

 stocked item

Prices exclude VAT