

# Standard panel radiators



Test  
Pressure  
**13**  
bar

Max.  
Operation  
Pressure  
**10**  
bar

Max.  
Water  
Temperature  
**110**  
°C

Warranty  
**10**  
years

Number of  
Connection  
**4xDIN  
6xDIN**  
G 1/2

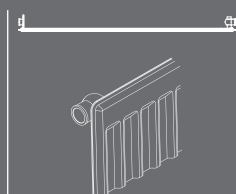
## Long-lasting

Warmhaus radiators are the perfect fit for functionality and elegant look. Thanks to our state-of-the-art production lines, all our products comply with DIN EN 442 standards and have a 10 year warranty. Our aim is to warm you up with a long-lasting product that suits your living environment.

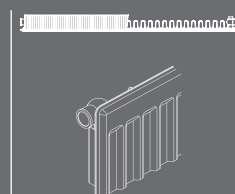
- High thermal efficiency
- Elegant design
- Practical Installation
- Extensive Product Range
- RAL 9010 and RAL 9016 color



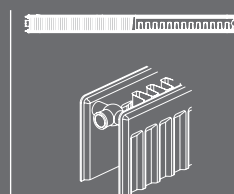
Type 10



Type 11

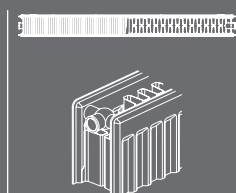


Type 21

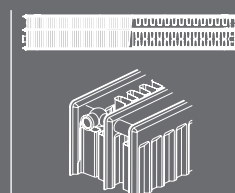


|             |                         |                         |                         |
|-------------|-------------------------|-------------------------|-------------------------|
| Width (mm)  | 47,5                    | 50                      | 70                      |
| Height (mm) | 300-400-500-600-700-900 | 300-400-500-600-700-900 | 300-400-500-600-700-900 |
| Length (mm) | 400-3000                | 400-3000                | 400-3000                |

Type 22



Type 33

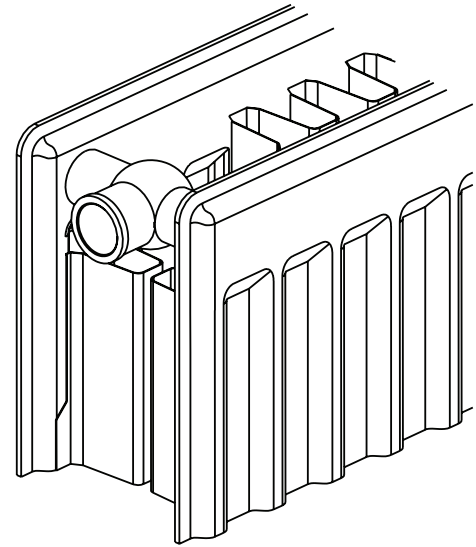


|             |                         |                         |
|-------------|-------------------------|-------------------------|
| Width (mm)  | 105                     | 160                     |
| Height (mm) | 300-400-500-600-700-900 | 300-400-500-600-700-900 |
| Length (mm) | 400-3000                | 400-3000                |



## Type 22

|                          |                                  |
|--------------------------|----------------------------------|
| Width (mm)               | 105                              |
| Height (mm)              | 300-400-500-600-700-900          |
| Length (mm)              | 400-3000                         |
| Interval for length (mm) | 1400-1600: 100<br>1600-3000: 200 |



|               |      | Type 22        |      |      |      |      |      |      |
|---------------|------|----------------|------|------|------|------|------|------|
| watt - kcal   |      | height         |      |      |      |      |      |      |
| n-coefficient |      | 1,30           | 1,31 | 1,32 | 1,33 | 1,33 | 1,33 | 1,32 |
| Length        | C    | 300            | 400  | 500  | 600  | 700  | 750  | 900  |
| 400           | watt | 75/65/20 ΔT:50 | 392  | 504  | 609  | 714  | 805  | 983  |
|               | kcal | 75/65/20 ΔT:50 | 338  | 434  | 525  | 615  | 694  | 847  |
| 500           | watt | 75/65/20 ΔT:50 | 491  | 630  | 762  | 892  | 1006 | 1229 |
|               | kcal | 75/65/20 ΔT:50 | 423  | 543  | 656  | 769  | 867  | 1059 |
| 600           | watt | 75/65/20 ΔT:50 | 589  | 755  | 914  | 1070 | 1207 | 1474 |
|               | kcal | 75/65/20 ΔT:50 | 507  | 651  | 788  | 923  | 1041 | 1271 |
| 700           | watt | 75/65/20 ΔT:50 | 687  | 881  | 1066 | 1249 | 1408 | 1720 |
|               | kcal | 75/65/20 ΔT:50 | 592  | 760  | 919  | 1077 | 1214 | 1483 |
| 800           | watt | 75/65/20 ΔT:50 | 785  | 1007 | 1218 | 1427 | 1610 | 1966 |
|               | kcal | 75/65/20 ΔT:50 | 677  | 868  | 1050 | 1230 | 1388 | 1694 |
| 900           | watt | 75/65/20 ΔT:50 | 883  | 1133 | 1371 | 1606 | 1811 | 2211 |
|               | kcal | 75/65/20 ΔT:50 | 761  | 977  | 1182 | 1384 | 1561 | 1906 |
| 1000          | watt | 75/65/20 ΔT:50 | 981  | 1259 | 1523 | 1784 | 2012 | 2457 |
|               | kcal | 75/65/20 ΔT:50 | 846  | 1085 | 1313 | 1538 | 1734 | 2118 |
| 1100          | watt | 75/65/20 ΔT:50 | 1079 | 1385 | 1675 | 1962 | 2213 | 2703 |
|               | kcal | 75/65/20 ΔT:50 | 930  | 1194 | 1444 | 1692 | 1908 | 2330 |
| 1200          | watt | 75/65/20 ΔT:50 | 1177 | 1511 | 1828 | 2141 | 2414 | 2948 |
|               | kcal | 75/65/20 ΔT:50 | 1015 | 1302 | 1576 | 1846 | 2081 | 2542 |
| 1300          | watt | 75/65/20 ΔT:50 | 1275 | 1637 | 1980 | 2319 | 2616 | 3194 |
|               | kcal | 75/65/20 ΔT:50 | 1099 | 1411 | 1707 | 1999 | 2255 | 2754 |
| 1400          | watt | 75/65/20 ΔT:50 | 1373 | 1763 | 2132 | 2498 | 2817 | 3440 |
|               | kcal | 75/65/20 ΔT:50 | 1184 | 1519 | 1838 | 2153 | 2428 | 2965 |
| 1500          | watt | 75/65/20 ΔT:50 | 1472 | 1889 | 2285 | 2676 | 3018 | 3686 |
|               | kcal | 75/65/20 ΔT:50 | 1269 | 1628 | 1969 | 2307 | 2602 | 3177 |
| 1600          | watt | 75/65/20 ΔT:50 | 1570 | 2014 | 2437 | 2854 | 3219 | 3931 |
|               | kcal | 75/65/20 ΔT:50 | 1353 | 1737 | 2101 | 2461 | 2775 | 3389 |
| 1800          | watt | 75/65/20 ΔT:50 | 1766 | 2266 | 2741 | 3211 | 3622 | 4423 |
|               | kcal | 75/65/20 ΔT:50 | 1522 | 1954 | 2363 | 2768 | 3122 | 3813 |
| 2000          | watt | 75/65/20 ΔT:50 | 1962 | 2518 | 3046 | 3568 | 4024 | 4914 |
|               | kcal | 75/65/20 ΔT:50 | 1691 | 2171 | 2626 | 3076 | 3469 | 4236 |
| 2200          | watt | 75/65/20 ΔT:50 | 2158 | 2770 | 3351 | 3925 | 4426 | 5405 |
|               | kcal | 75/65/20 ΔT:50 | 1861 | 2388 | 2888 | 3383 | 3816 | 4660 |
| 2400          | watt | 75/65/20 ΔT:50 | 2354 | 3022 | 3655 | 4282 | 4829 | 5897 |
|               | kcal | 75/65/20 ΔT:50 | 2030 | 2605 | 3151 | 3691 | 4163 | 5083 |
| 2600          | watt | 75/65/20 ΔT:50 | 2551 | 3273 | 3960 | 4638 | 5231 | 6388 |
|               | kcal | 75/65/20 ΔT:50 | 2199 | 2822 | 3414 | 3999 | 4510 | 5507 |
| 2800          | watt | 75/65/20 ΔT:50 | 2747 | 3525 | 4264 | 4995 | 5634 | 6880 |
|               | kcal | 75/65/20 ΔT:50 | 2368 | 3039 | 3676 | 4306 | 4857 | 5931 |
| 3000          | watt | 75/65/20 ΔT:50 | 2943 | 3777 | 4569 | 5352 | 6036 | 7371 |
|               | kcal | 75/65/20 ΔT:50 | 2537 | 3256 | 3939 | 4614 | 5203 | 6354 |

|               |      | Type 22        |      |      |      |      |      |      |
|---------------|------|----------------|------|------|------|------|------|------|
| watt - kcal   |      | height         |      |      |      |      |      |      |
| n-coefficient |      | 1,30           | 1,31 | 1,32 | 1,33 | 1,33 | 1,33 | 1,32 |
| Length        | C    | 300            | 400  | 500  | 600  | 700  | 750  | 900  |
| 400           | watt | 90/70/20 ΔT:60 | 497  | 639  | 775  | 910  | 1026 | 1250 |
|               | kcal | 90/70/20 ΔT:60 | 428  | 551  | 668  | 785  | 884  | 1078 |
| 500           | watt | 90/70/20 ΔT:60 | 621  | 799  | 969  | 1138 | 1282 | 1563 |
|               | kcal | 90/70/20 ΔT:60 | 535  | 689  | 835  | 981  | 1105 | 1347 |
| 600           | watt | 90/70/20 ΔT:60 | 745  | 959  | 1163 | 1365 | 1538 | 1876 |
|               | kcal | 90/70/20 ΔT:60 | 643  | 827  | 1002 | 1177 | 1326 | 1617 |
| 700           | watt | 90/70/20 ΔT:60 | 870  | 1119 | 1357 | 1593 | 1795 | 2188 |
|               | kcal | 90/70/20 ΔT:60 | 750  | 964  | 1169 | 1373 | 1547 | 1886 |
| 800           | watt | 90/70/20 ΔT:60 | 994  | 1278 | 1550 | 1820 | 2051 | 2501 |
|               | kcal | 90/70/20 ΔT:60 | 857  | 1102 | 1336 | 1569 | 1768 | 2156 |
| 900           | watt | 90/70/20 ΔT:60 | 1118 | 1438 | 1744 | 2048 | 2308 | 2813 |
|               | kcal | 90/70/20 ΔT:60 | 964  | 1240 | 1504 | 1765 | 1989 | 2425 |
| 1000          | watt | 90/70/20 ΔT:60 | 1242 | 1598 | 1938 | 2275 | 2564 | 3126 |
|               | kcal | 90/70/20 ΔT:60 | 1071 | 1378 | 1671 | 1962 | 2210 | 2736 |
| 1100          | watt | 90/70/20 ΔT:60 | 1366 | 1758 | 2132 | 2503 | 2820 | 3438 |
|               | kcal | 90/70/20 ΔT:60 | 1178 | 1515 | 1838 | 2158 | 2431 | 2964 |
| 1200          | watt | 90/70/20 ΔT:60 | 1491 | 1918 | 2325 | 2730 | 3077 | 3751 |
|               | kcal | 90/70/20 ΔT:60 | 1285 | 1653 | 2005 | 2354 | 2652 | 3234 |
| 1300          | watt | 90/70/20 ΔT:60 | 1615 | 2078 | 2519 | 2958 | 3333 | 4064 |
|               | kcal | 90/70/20 ΔT:60 | 1392 | 1791 | 2172 | 2550 | 2873 | 3503 |
| 1400          | watt | 90/70/20 ΔT:60 | 1739 | 2237 | 2713 | 3186 | 3590 | 4376 |
|               | kcal | 90/70/20 ΔT:60 | 1499 | 1929 | 2339 | 2746 | 3095 | 3773 |
| 1500          | watt | 90/70/20 ΔT:60 | 1863 | 2397 | 2907 | 3413 | 3846 | 4689 |
|               | kcal | 90/70/20 ΔT:60 | 1606 | 2067 | 2506 | 2942 | 3316 | 4042 |
| 1600          | watt | 90/70/20 ΔT:60 | 1988 | 2557 | 3101 | 3641 | 4102 | 5001 |
|               | kcal | 90/70/20 ΔT:60 | 1713 | 2204 | 2673 | 3138 | 3537 | 4312 |
| 1800          | watt | 90/70/20 ΔT:60 | 2236 | 2877 | 3488 | 4096 | 4615 | 5627 |
|               | kcal | 90/70/20 ΔT:60 | 1928 | 2480 | 3007 | 3531 | 3979 | 4850 |
| 2000          | watt | 90/70/20 ΔT:60 | 2485 | 3196 | 3876 | 4551 | 5128 | 6252 |
|               | kcal | 90/70/20 ΔT:60 | 2142 | 2755 | 3341 | 3923 | 4421 | 5389 |
| 2200          | watt | 90/70/20 ΔT:60 | 2733 | 3516 | 4263 | 5006 | 5641 | 6877 |
|               | kcal | 90/70/20 ΔT:60 | 2356 | 3031 | 3675 | 4315 | 4863 | 5928 |
| 2400          | watt | 90/70/20 ΔT:60 | 2981 | 3835 | 4651 | 5461 | 6154 | 7502 |
|               | kcal | 90/70/20 ΔT:60 | 2570 | 3306 | 4009 | 4708 | 5305 | 6467 |
| 2600          | watt | 90/70/20 ΔT:60 | 3230 | 4155 | 5038 | 5916 | 6666 | 8127 |
|               | kcal | 90/70/20 ΔT:60 | 2784 | 3582 | 4343 | 5100 | 5747 | 7006 |
| 2800          | watt | 90/70/20 ΔT:60 | 3478 | 4475 | 5426 | 6371 | 7179 | 8752 |
|               | kcal | 90/70/20 ΔT:60 | 2999 | 3858 | 4678 | 5492 | 6189 | 7545 |
| 3000          | watt | 90/70/20 ΔT:60 | 3727 | 4794 | 5814 | 6826 | 7692 | 9378 |
|               | kcal | 90/70/20 ΔT:60 | 3213 | 4133 | 5012 | 5885 | 6631 | 8084 |



### DIMENSIONAL FEATURES

| Type    | Nominal Size (mm) | Center of Distance (mm) | Width (mm) | Length Min. - Max. (mm) | Water Content (L/m) |
|---------|-------------------|-------------------------|------------|-------------------------|---------------------|
| 22 PKKP | 300               | 245                     | 105        | 400 - 3000              | 3,5                 |
|         | 400               | 345                     | 105        | 400 - 3000              | 4,4                 |
|         | 500               | 445                     | 105        | 400 - 3000              | 5,3                 |
|         | 600               | 545                     | 105        | 400 - 3000              | 6,2                 |
|         | 700               | 645                     | 105        | 400 - 3000              | 7,2                 |
|         | 900               | 845                     | 105        | 400 - 3000              | 9,3                 |

