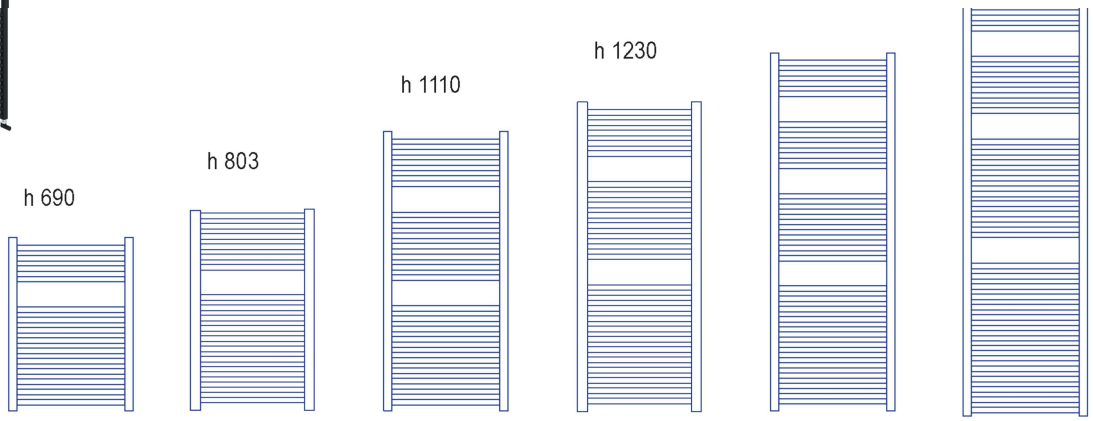
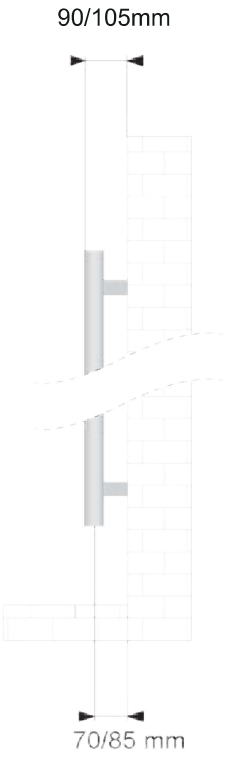
# Technical Data Sheet

## Straight Towel Warmer - Chrome, Anthracite, Matt Black




| | straight |
|---|---|
| **Material** | carbon steel |
| **Pipes - mm** | 22X0,9 |
| **Collectors - mm** | 30x40x1,2 |
| **Connections** | 3x1/2' * |
| **Wall fixings** | 3 |
| **Max pressure** | 10 bar |
| **Max temperature** | 120 °C |
| **Paint** | epoxypolyester powder |
| **Packaging** | P.P. corners + carton box + external nylon shrink wrap |
| * air bleeding valve connection, included | |




**Standard equipment:** 1 kit wall fixing brackets - 1 air bleeding valve

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## Chrome

| code | h mm | width mm | pipe centres mm | BTU output | watt output |
|---|---|---|---|---|---|
| **148202** | 690 | 450 | 400 | 488 | 784 |
| **148220** | 690 | 500 | 450 | 918 | 341 |
| **148224** | 690 | 600 | 550 | 1075 | 392 |
| **148221** | 1100 | 500 | 450 | 1515 | 519 |
| **148225** | 1100 | 600 | 550 | 1788 | 607 |
| **148222** | 1430 | 500 | 450 | 1969 | 679 |
| **148226** | 1430 | 600 | 550 | 2331 | 795 |
| **148223** | 1703 | 500 | 450 | 2351 | 814 |
| **148227** | 1703 | 600 | 550 | 2781 | 954 |

## Anthracite

| code | h mm | width mm | pipe centres mm | BTU output | watt output |
|---|---|---|---|---|---|
| **148286** | 690 | 500 | 455 | 1410 | 214 |
| **148304** | 690 | 600 | 550 | 1648 | 386 |
| **148287** | 1100 | 500 | 455 | 2194 | 353 |
| **148288** | 1100 | 600 | 555 | 2566 | 416 |
| **148305** | 1420 | 500 | 450 | 2870 | 669 |
| **148306** | 1420 | 600 | 550 | 3361 | 784 |
| **148289** | 1703 | 600 | 555 | 4027 | 644 |

## Matt Black

| code | h mm | width mm | pipe centres mm | BTU output | watt output |
|---|---|---|---|---|---|
| **148292** | 690 | 500 | 450 | 1410 | 214 |
| **148293** | 1100 | 500 | 450 | 2194 | 353 |
| **148294** | 1100 | 600 | 550 | 2566 | 416 |
| **148295** | 1703 | 600 | 550 | 4027 | 644 |

Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the ouput value by fixing the $\Delta T$ at 50° C. $\Delta T$ is the difference between the average temperature of the water inside the radiator and the room temperature. The formula is: $(((T_1+T_2)/2)-T_3)$.
Ex.: ((75+65/2)-20)= 50° C. For output values with a different $\Delta T$ use the following formula: $\phi_x = \phi_{\Delta T50} * (\Delta T_x/50)^n$.
See calculation example of the output at $\Delta T$ 60° of article 386134: $203*(60/50)^{1,23634}= 255$.
Output values in kcal/h = watt x 0,85984. Output values in btu = watt x 3,412.

**LEGEND**

= supply temperature - $T_2$= return temperature - $T_3$= room temperature.
= output to be calculated - $\phi_{\Delta T50}$ = output at $\Delta T$ 50° C (table) - $\Delta T_x$ = $\Delta T$ value to be calculated - $^n$ = exponent "n" (table).

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