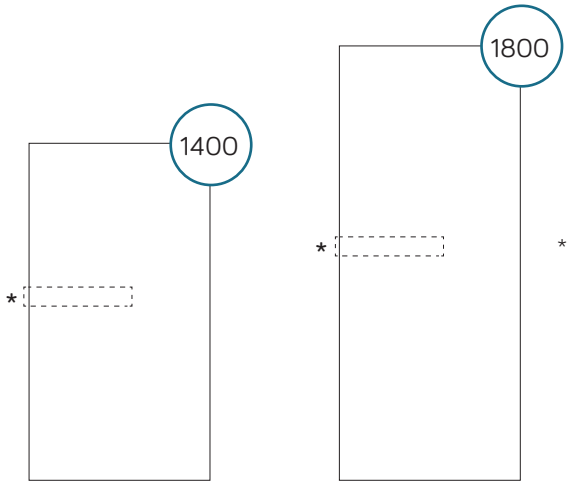
lazzarini

Elba

Technical sheet

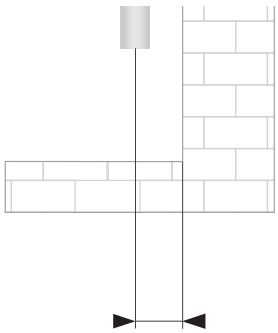
EN EURONORM 442 CE



* Position for the optional towel rail

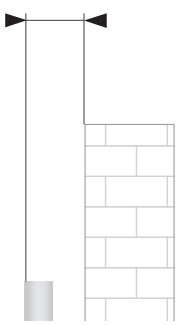
Description	Straight
Material	Carbon steel
Pipes - mm	70x11x1,5
Covering plate - mm	1407x50x1,5 - 1807x50x1,5
Collectors - Ø	35x1,5
Connections	3x1/2' (air bleeding valve connection, included)
Wall fixings	4
Max operating pressure	4 bar
Max operating temperature	90 °C
Paint	Epoxypolyester powder
Packaging	Carton box + styrofoam protections + nylon bag
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve

Connection

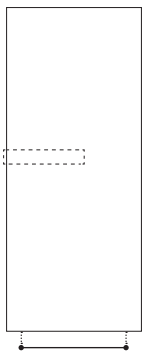


450 ONLY 450 MM CONNECTIONS

Wall distance



Pipe centre



White VOV09 - straight

Code	Height mm	Width mm	Pipe centre mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n
390126	1400	540	450	28,4	6,0	685	371	564	853	1,20061
390127	1800	540	450	36,1	7,4	856	459	703	1070	1,21917

Anthracite VOV12 - straight

Code	Height mm	Width mm	Pipe centre mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n
390128	1400	540	450	28,4	6,0	685	371	564	853	1,20061
390129	1800	540	450	36,1	7,4	856	459	703	1070	1,21917

Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the ouput value by fixing the ΔT at 50 °C. ΔT 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 ΔT use the following formula: $\boldsymbol{\phi_x} = \phi_{\Delta T50} * (\Delta T_x/50)^n$.
See calculation example of the output at ΔT 60 °C of article 390126: $685*(60/50)^{1,20061}= 853$.
Output values in **kcal/h** = watt x 0,85984.
Output values in **btu** = watt x 3,412.

KEY
$\mathbf{T_1}$ = supply temperature - $\mathbf{T_2}$= return temperature - $\mathbf{T_3}$= room temperature.
$\boldsymbol{\phi_x}$ = output to be calculated - $\boldsymbol{\phi_{\Delta T50}}$ = output at ΔT 50 °C (table) - $\boldsymbol{\Delta T_x}$ = ΔT value to be calculated - ^{n}= exponent "n" (table).

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