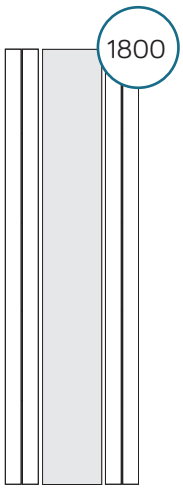
lazzarini

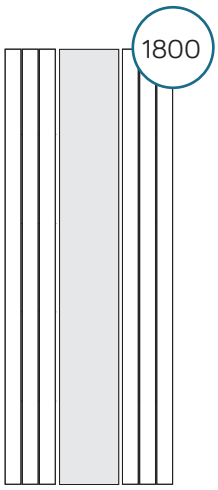
Empoli

Technical sheet

EN EURONORM 442 CE



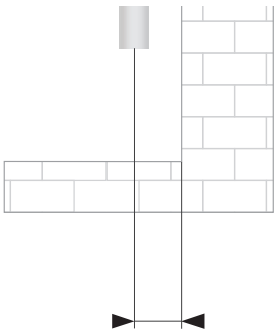
ELEMENTS: 4



ELEMENTS: 6

Description	Straight
Material	Carbon steel
Pipes - mm	70x11x1,5
Collectors - Ø	35x1,5
Connections	6x1/2' (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 - 3 blind plugs

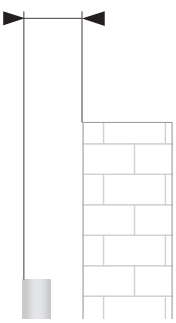
Connection



55

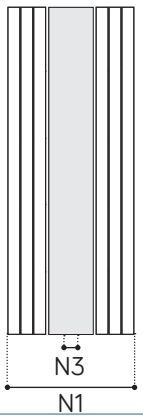
50 WITH BOTH LATERAL AND CENTRAL
50 MM CONNECTIONS

Wall distance



85

Interaxis



N1 = Please add the interaxis of the valves to N1.
(Lazzarini = + 90 mm)
N3 = 50 mm

White RAL9016 - straight

Code	Height mm	Width mm	Interaxis N1 mm	Elements	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n
383852	1800	600	600	4	26,9	4,7	674	353	549	850	1,26960
383853	1800	750	750	6	35,8	7,0	955	498	777	1205	1,27434

Anthracite VOV12 - straight

Code	Height mm	Width mm	Interaxis N1 mm	Elements	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n
383854	1800	600	600	4	26,9	4,7	674	353	549	850	1,26960
383855	1800	750	750	6	35,8	7,0	955	498	777	1205	1,27434

Chrome - straight

Code	Height mm	Width mm	Interaxis N1 mm	Elements	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n
383856	1800	600	600	4	26,9	4,7	419	215	339	533	1,31404
383857	1800	750	750	6	35,6	7,0	573	304	469	719	1,24410

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: $\phi_x = \phi_{\Delta T50} * (\Delta T_x/50)^n$.
See calculation example of the output at ΔT 60 °C of article 383852: $674*(60/50)^{1,26960}= 850$.
Output values in kcal/h = watt x 0,85984.
Output values in btu = watt x 3,412.

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

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