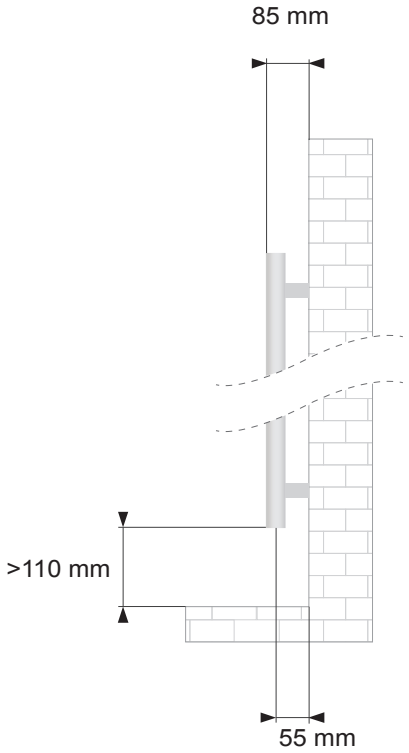
Empoli

Technical sheet

h 1800

	straight
Material	carbon steel
Pipes - mm	70x11x1,5
Collectors - Ø	35x1,5
Connections	6x1/2' *
Wall fixings	4
Max pressure	4 bar
Max temperature	90 °C
Paint	epoxypolyester powder
Packaging	nylon bag + styrofoam protections + carton box
* **air bleeding valve connection, included**	

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



White RAL 9016

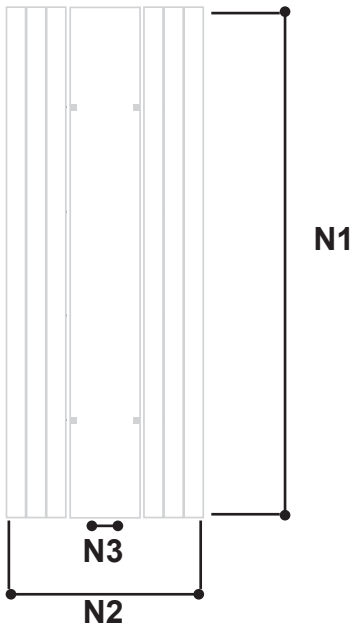
code	h mm	width mm	interaxis N1 mm	interaxis N2 mm	interaxis N3 mm	weight kg	water lt	ΔT50°C watt ϕ 75/65/20°	ΔT42,5°C watt ϕ 70/55/20°	ΔT30°C watt ϕ 55/45/20°	ΔT 50°C kcal/h	ΔT 60°C btu	elements	ΔT 50° C exponent n
383852	1800	600	1750	600	50	23,1	4,7	674	549	353	580	2901	4	1,26960
383853	1800	750	1750	750	50	26,8	7	955	777	498	822	4112	6	1,27434

Anthracite VOV 12

code	h mm	width mm	interaxis N1 mm	interaxis N2 mm	interaxis N3 mm	weight kg	water lt	ΔT50°C watt ϕ 75/65/20°	ΔT42,5°C watt ϕ 70/55/20°	ΔT30°C watt ϕ 55/45/20°	ΔT 50°C kcal/h	ΔT 60°C btu	elements	ΔT 50° C exponent n
383854	1800	600	1750	600	50	23,1	4,7	674	549	353	580	2901	4	1,26960
383855	1800	750	1750	750	50	26,8	7	955	777	498	822	4112	6	1,27434

Chrome

code	h mm	width mm	interaxis N1 mm	interaxis N2 mm	interaxis N3 mm	weight kg	water lt	ΔT50°C watt ϕ 75/65/20°	ΔT42,5°C watt ϕ 70/55/20°	ΔT30°C watt ϕ 55/45/20°	ΔT 50°C kcal/h	ΔT 60°C btu	elements	ΔT 50° C exponent n
383856	1800	600	1750	600	50	23,1	4,7	419	361	215	339	1819	4	1,31404
383857	1800	750	1750	750	50	26,8	7	573	469	304	493	2454	6	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° of article 383856: $419*(60/50)^{1,31404}$= 533.
Output values in kcal/h = watt x 0,85984. Output values in btu = watt x 3,412.

LEGEND

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).

Rev. 2- 02-08-2017