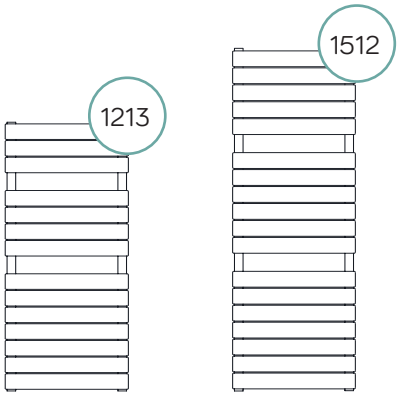
lazzarini

Venezia

Technical sheet

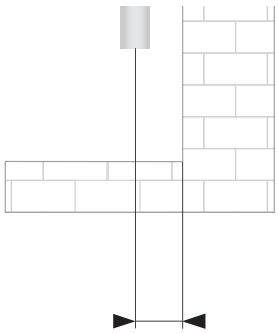
EN EURONORM 442 CE



PIPES: 14 PIPES: 18

Description	Straight
Material	Carbon steel
Pipes - mm	70x11x1,5
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	Nylon bag, carton box and protections
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve

Connection

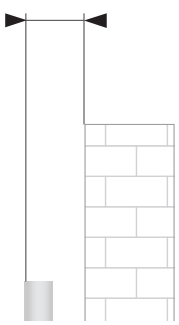


Min.	Max
45	60

I SINGLE PIPE VALVE OPTION

K DUAL FUEL USE

Wall distance



Min.	Max
90	105

Anthracite VOV12 - curved

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	Heating el. Watt
382115	1213	493	438	14,9	4,7	590	316	484	738	1,22439	700
382116	1512	493	438	18,7	7,1	727	388	596	911	1,23177	700

Chrome - curved

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	Heating el. Watt
381903	1213	493	438	15,7	4,7	359	188	292	453	1,27382	300
381904	1512	493	438	19,7	7,1	501	258	406	636	1,30608	500

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 382115: $590*(60/50)^{1,22439}$= 738.
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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