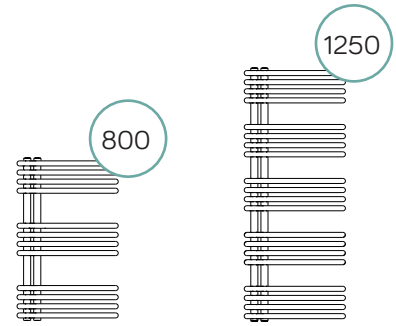
lazzarini

Como

Technical sheet

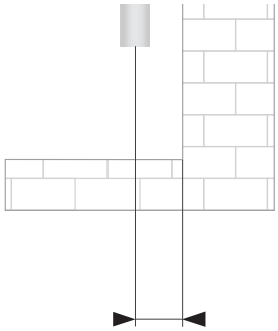
EN EURONORM 442 CE



PIPES: 12 PIPES: 20

Description	Straight
Material	Carbon steel
Pipes - Ø	25x1,5
Collectors - Ø	35x1,5
Connections	4x1/2' (air bleeding valve connection, included)
Wall fixings	4
Max operating pressure	10 bar
Max operating temperature	90 °C
Paint	Epoxypolyester powder
Packaging	Nylon bag, carton box, carton and styrofoam protections
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve - 1 blind plug

Connection



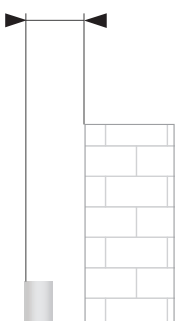
Min.	Max
62	72

SINGLE PIPE VALVE OPTION

REVERSIBLE

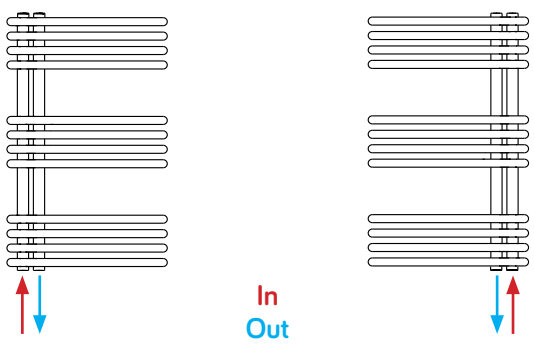
ONLY 50 MM CONNECTIONS

Wall distance



Min.	Max
80	90

Suggested installations



Chrome - straight

Code	Height mm	Width mm	Pipe centre mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT60 °C Btu	Exponent n
388583	800	500	50	7,6	3,2	212	912	1,25603
388584	1250	500	50	12,5	5,2	334	1440	1,24162

Anthracite VOV12 - straight

Code	Height mm	Width mm	Pipe centre mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT60 °C Btu	Exponent n
388585	800	500	50	7,4	3,2	322	1376	1,22611
388586	1250	500	50	12,1	5,2	518	2218	1,24162

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 388583: $212*(60/50)^{1,25603}$= 267.
Output values in **kcal/h** = watt x 0,85984.
Output values in **btu** = watt x 3,412.

KEY
$\boldsymbol{T_1}$= supply temperature - $\boldsymbol{T_2}$= return temperature - $\boldsymbol{T_3}$= 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).