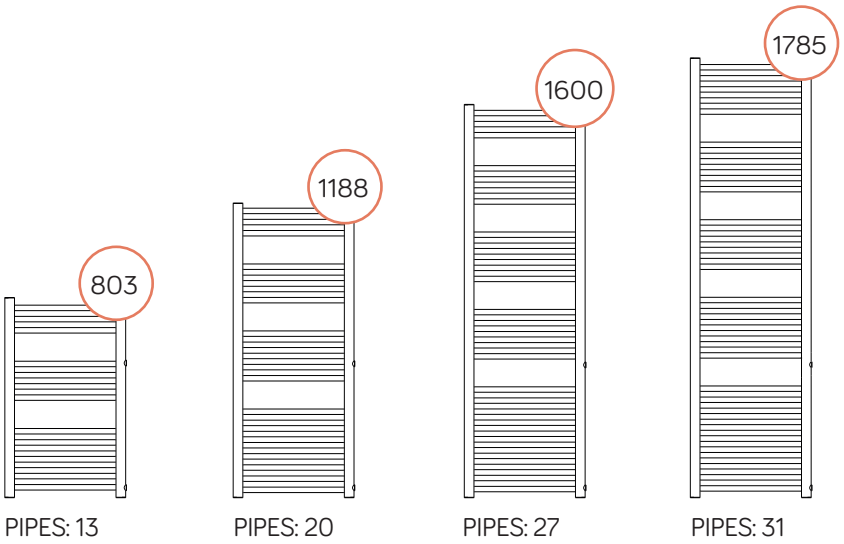
lazzarini

Bolzano «Reno»

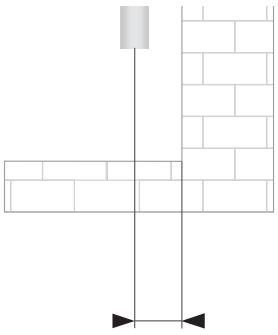
Technical sheet

EN EURONORM 442 CE



Description	Straight
Material	Carbon steel
Pipes - Ø	22x0,9
Collectors - mm	40x30x1,2 - «D» shape
Connections	6x1/2' (air bleeding valve connection, included)
Wall fixings	4
Max operating pressure	10 bar
Max operating temperature	90 °C
Paint	Epoxypolyester powder
Packaging	P.P. corners + carton box + external nylon shrink wrap
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve - 3 blind plugs

Connection



Min.	Max
70	85

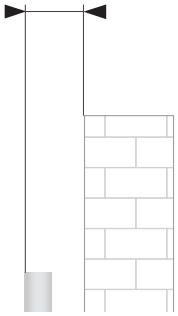
Suitable for

SINGLE PIPE VALVE

WALL/FLOOR FIXING

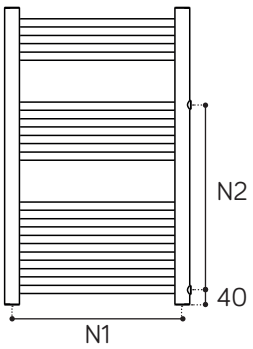
K DUAL FUEL USE

Wall distance



Min.	Max
80	95

Interaxis



White RAL 9016 - straight lateral connections 40/500

Code	Height mm	Width mm	Interaxis N1 mm	Interaxis N2 mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Heating el. watt	Exponent n
389200	803	500	450	500	4,9	3,3	331	177	272	414	300	1,22700
389201	1188	500	450	500	7,4	4,8	496	264	406	622	500	1,23560
389203	1600	500	450	500	10,5	5,8	679	361	556	851	700	1,23603
388199	1600	600	550	500	11,9	7,2	793	422	649	994	700	1,23564
389205	1785	500	450	500	11,1	7,5	763	406	625	956	700	1,23623
388197	1785	600	550	500	12,5	8,5	891	474	730	1116	1000	1,2341

White RAL 9016 - straight lateral connections 40/900

Code	Height mm	Width mm	Interaxis N1 mm	Interaxis N2 mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Heating el. watt	Exponent n
389202	803	500	450	900	4,9	3,3	331	177	272	414	300	1,22700
389204	1188	500	450	900	7,4	4,8	496	264	406	622	500	1,23560
388198	1600	500	450	900	10,5	5,8	679	361	556	851	700	1,23603
389206	1600	600	550	900	11,9	7,2	793	422	649	994	700	1,23564
388196	1785	500	450	900	11,1	7,5	763	406	625	956	700	1,23623
382910	1785	600	550	900	12,5	8,5	891	474	730	1116	1000	1,2341

The radiators can be supplied in RAL colours or special VOV Lazzarini colours.
Due to technical limitations, printed colours may slightly differ from the real ones. Concerning RAL refernces we suggest to refer to an official RAL palette and Lazzarini colour chart.

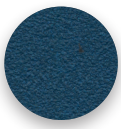
VOV08
Tabak

VOV09
Mineral white

VOV12
Anthracite

VOV13
Amethyst

VOV15
Quartz



VOV16
Azurite

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 389200: $331*(60/50)^{1,22700}$= 414.
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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