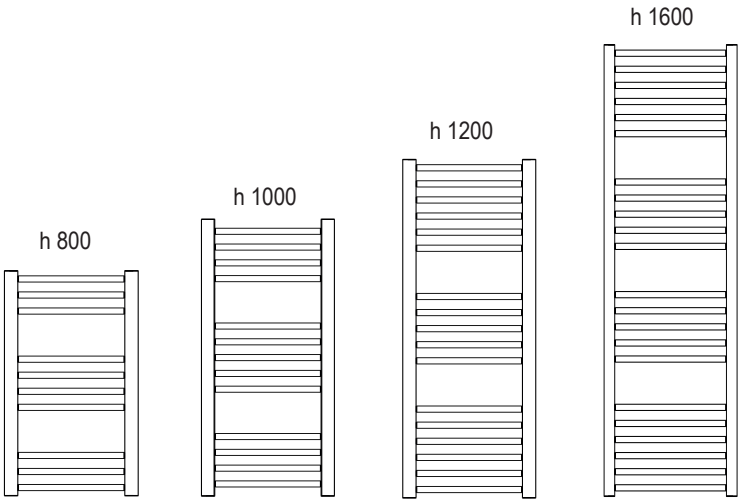
Silea

Technical sheet

lazzarini





EN 442 CE

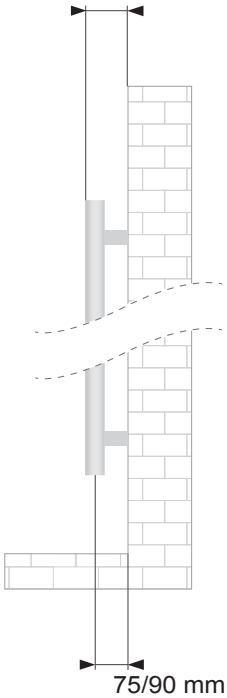
	straight	curved
Material	carbon steel	
Pipes - Ø	22x0,9	
Collectors - mm	30x40x1,2	
Connections	4x1/2' *	4x1/2' *
Wall fixings	3	4
Max pressure	10 bar	
Max temperature	120 °C	
Paint	epoxypolyester powder	
Packaging	P.P. caps + carton box + external nylon shrink wrap	
* **air bleeding valve connection, included**		

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

Width (mm)	W[1] (mm)
500	102÷117
600	105÷119

STRAIGHT 95/110 mm

CURVED W[1]



Anthracite VOV12 - straight and curved

code straight	code curved	h mm	width mm	interaxis mm	weight kg	water lt	ΔT50°C ϕ watt 75/65/20°	ΔT42,5°C ϕ watt 70/55/20°	ΔT30°C ϕ watt 55/45/20°	ΔT 50°C kcal/h	ΔT 60°C btu	heating element watt	ΔT 50° C exponent n
384893	**388659**	800	500	450	3,9	2,8	300	248	165	258	1270	300	1,17957
388657	-	800	600	550	4,3	3,3	344	285	189	296	1457	300	1,17352
388147	**384760**	1200	500	450	6,2	4,5	478	395	261	412	2027	500	1,18692
388164	-	1200	600	550	6,9	5,2	548	452	300	472	2324	500	1,18576
388148	**388660**	1600	500	450	8,1	5,9	638	525	345	549	2713	700	1,205
388658	-	1600	600	550	9,1	6,7	738	608	401	635	3136	700	1,19874

Chrome - straight and curved

code straight	code curved	h mm	width mm	interaxis mm	weight kg	water lt	ΔT50°C ϕ watt 75/65/20°	ΔT42,5°C ϕ watt 70/55/20°	ΔT30°C ϕ watt 55/45/20°	ΔT 50°C kcal/h	ΔT 60°C btu	heating element watt	ΔT 50° C exponent n
384280	-	800	400	350	3,3	2,6	173	143	94	149	737	200	1,20844
384113	**384388**	800	500	450	3,8	2,8	203	168	112	175	860	200	1,17955
384463	**384464**	800	600	550	4,2	3,3	232	193	129	200	980	200	1,15066
384618	-	1000	400	350	4,3	3,2	221	182	120	191	942	200	1,20822
384242	**384619**	1000	500	450	4,8	3,6	259	214	141	223	1103	300	1,19593
384385	**384620**	1000	600	550	5,4	4,0	297	246	163	256	1260	300	1,18364
384386	-	1200	400	350	5,2	4,1	267	220	145	230	1137	300	1,20799
384114	**384389**	1200	500	450	6,1	4,5	315	259	170	271	1341	300	1,2123
384115	**384390**	1200	600	550	6,9	5,2	362	298	195	312	1543	300	1,21661
388312	-	1600	400	350	6,9	5,4	354	290	189	305	1512	300	1,22924
384116	**384465**	1600	500	450	8,0	5,9	420	344	224	362	1799	500	1,23824
384387	**384281**	1600	600	550	9,0	6,7	486	397	258	418	2085	500	1,24725

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 384893: $300*(60/50)^{1,17957}= 372$.
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. 0 - 14-06-2018