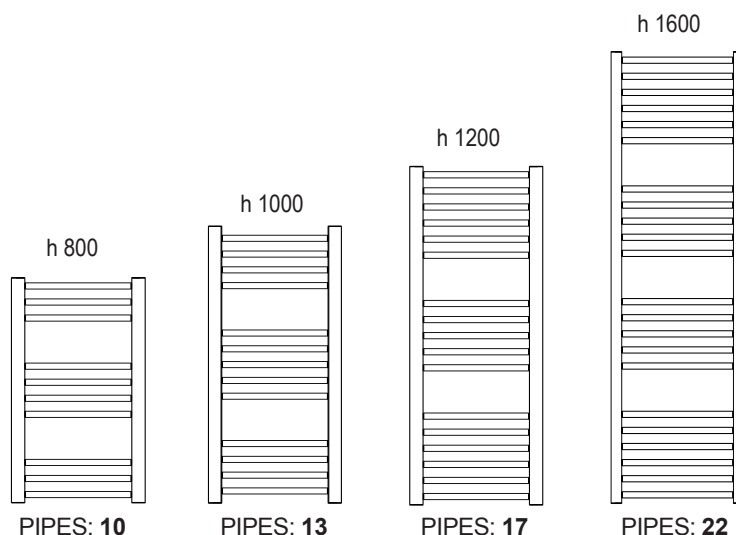


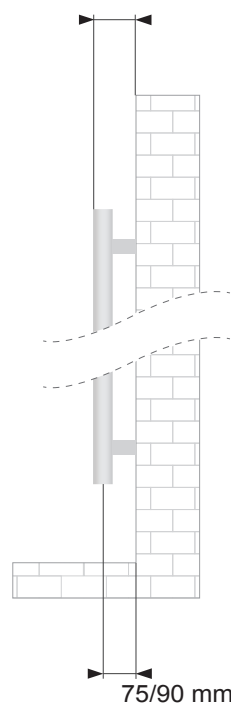


	straight 	curved 
Material	carbon steel	
Pipes - Ø	22x0,9	
Collectors - mm	30x40x1,2	
Connections	4x1/2' *	4x1/2' *
Wall fixings	3	4
Max pressure	10 bar	
Max temperature	120 °C	
Paint	epoxypolyester powder	
Packaging	P.P. caps + carton box + external nylon shrink wrap	
* air bleeding valve connection,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

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

Width (mm)	W' (mm)
500	102÷117
600	105÷119

STRAIGHT 95/110 mm
CURVED W'



Anthracite VOV12 - straight and curved

code straight	code curved	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}\text{C}$ ϕ watt 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ ϕ watt 70/55/20°	$\Delta T 30^{\circ}\text{C}$ ϕ watt 55/45/20°	$\Delta T 50^{\circ}\text{C}$ kcal/h	$\Delta T 60^{\circ}\text{C}$ btu	heating element watt	$\Delta T 50^{\circ}\text{C}$ 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	$\Delta T 50^{\circ}\text{C}$ ϕ watt 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ ϕ watt 70/55/20°	$\Delta T 30^{\circ}\text{C}$ ϕ watt 55/45/20°	$\Delta T 50^{\circ}\text{C}$ kcal/h	$\Delta T 60^{\circ}\text{C}$ btu	heating element watt	$\Delta T 50^{\circ}\text{C}$ 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 output 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.: $((75 + 65)/2 - 20) = 50^{\circ}\text{C}$. For output values with a different ΔT use the following formula: $\phi_x = \phi_{\Delta T 50} * (\Delta T_x / 50)^n$.

See calculation example of the output at $\Delta T 60^{\circ}$ 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 - $\phi_{\Delta T 50}$ = output at $\Delta T 50^{\circ}\text{C}$ (table) - ΔT_x = ΔT value to be calculated - "n" = exponent "n" (table).