



EN 442 CE
EURO-NORM

h 780



PIPES: 9

h 1080



PIPES: 12

h 1380



PIPES: 15

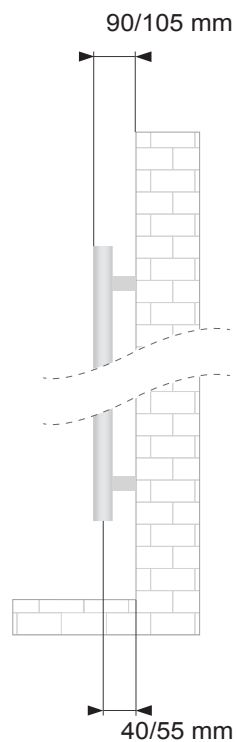
h 1680



PIPES: 18

	curved
Material	carbon steel
Pipes - mm	70x11x1,5
Collectors - Ø	38x1,5
Connections	4x1/2' *
Wall fixings	4
Max pressure	4 bar
Max temperature	120 °C
Paint	epoxypolyester powder
Packaging	styrofoam protections + carton box
* air bleeding valve connection, included	

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



The radiators can be supplied in RAL colours or special VOV Lazzarini colours.
 Printed colours may differ from the original, so please see official RAL palette and Lazzarini colour chart.



VOV08
 Tabac brown



VOV09
 White sand



VOV10
 Metallic silver



VOV11
 Silver sand



VOV12
 Anthracite



VOV13
 Amethyst



VOV14
 Emerald



VOV15
 Quartz



VOV16
 Azzurrite

White RAL 9016 - curved

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}C$ watt Φ 75/65/20°	$\Delta T 42,5^{\circ}C$ watt Φ 70/55/20°	$\Delta T 30^{\circ}C$ watt Φ 55/45/20°	$\Delta T 50^{\circ}C$ kcal/h	$\Delta T 60^{\circ}C$ btu	$\Delta T 50^{\circ}C$ exponent n
386302	780	550	50	11,4	4,1	365	294	184	314	1594	1,35057
386303	1080	550	50	15,2	5,5	500	403	254	430	2177	1,33271
386304	1380	550	50	19,1	7,0	624	504	319	537	2710	1,31485
386305	1680	550	50	23,0	8,4	738	595	373	635	3211	1,33259

Anthracite VOV 12 - curved

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}C$ watt Φ 75/65/20°	$\Delta T 42,5^{\circ}C$ watt Φ 70/55/20°	$\Delta T 30^{\circ}C$ watt Φ 55/45/20°	$\Delta T 50^{\circ}C$ kcal/h	$\Delta T 60^{\circ}C$ btu	$\Delta T 50^{\circ}C$ exponent n
386299	780	550	50	11,4	4,1	365	294	184	314	1594	1,35057
386300	1080	550	50	15,2	5,5	500	403	254	430	2177	1,33271
386301	1380	550	50	19,1	7,0	624	504	319	537	2710	1,31485

Chrome - curved

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}C$ watt Φ 75/65/20°	$\Delta T 42,5^{\circ}C$ watt Φ 70/55/20°	$\Delta T 30^{\circ}C$ watt Φ 55/45/20°	$\Delta T 50^{\circ}C$ kcal/h	$\Delta T 60^{\circ}C$ btu	$\Delta T 50^{\circ}C$ exponent n
386306	780	550	50	11,4	4,1	248	200	125	214	1086	1,34989
386307	1080	550	50	15,2	5,5	336	271	170	289	1464	1,33893
386308	1380	550	50	19,1	7,0	421	340	214	362	1833	1,32797
386309	1680	550	50	23,0	8,4	503	406	255	433	2191	1,33284

Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the output value by fixing the ΔT at $50^{\circ}C$. 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.: $((75+65)/2)-20=50^{\circ}C$. 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 386306: $248 * (60/50)^{1,34989} = 318$.

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 $\Delta T 50^{\circ}C$ (table) - ΔT_x = ΔT value to be calculated - "n" = exponent "n" (table).