



h 840



PIPES: 10

h 1213



PIPES: 14

h 1512



PIPES: 18

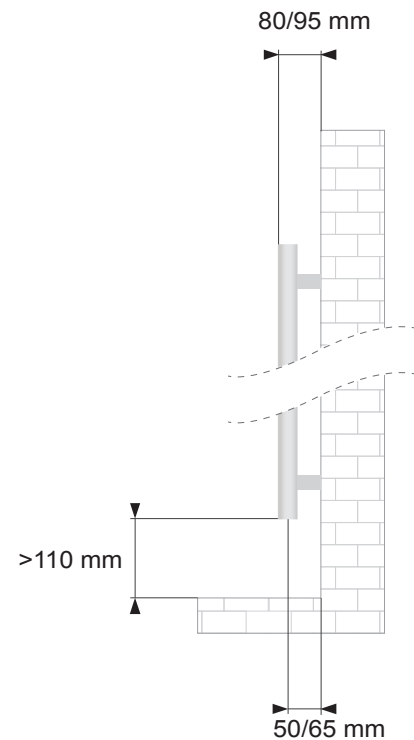
h 1738



PIPES: 20

	straight
<b>Material</b>	carbon steel
<b>Pipes - mm</b>	70x11x1,5
<b>Collectors - Ø</b>	35x1,5
<b>Connections</b>	4x1/2' *
<b>Wall fixings</b>	4
<b>Max pressure</b>	4 bar
<b>Max temperature</b>	90 °C
<b>Paint</b>	epoxypolyester powder
<b>Packaging</b>	polystyrene 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 - straight

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}\text{C}$ watt $\phi$ 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ watt $\phi$ 70/55/20°	$\Delta T 30^{\circ}\text{C}$ watt $\phi$ 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
386979	840	500	450	11,5	4,0	422	347	227	363	1799	500	1,21802
386980	840	600	550	13,3	4,5	495	408	269	426	2106	500	1,20099
386981	1213	500	450	16,1	5,6	590	484	316	508	2519	700	1,22439
386982	1213	600	550	18,7	6,3	697	570	371	600	2983	700	1,23847
386983	1512	500	450	20,6	7,1	727	596	388	626	3109	700	1,23177
386984	1512	600	550	23,9	8,1	856	702	457	737	3655	1000	1,22866
386985	1738	500	450	23,0	8,0	833	682	443	717	3563	700	1,23735
386986	1738	600	550	26,7	9,1	975	797	518	839	4173	1000	1,24131

### Anthracite VOV 12 - straight

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}\text{C}$ watt $\phi$ 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ watt $\phi$ 70/55/20°	$\Delta T 30^{\circ}\text{C}$ watt $\phi$ 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
386975	840	500	450	11,5	4,0	422	347	227	363	1799	500	1,21802
386976	1213	500	450	16,1	5,6	590	484	316	508	2519	700	1,22439
386977	1512	500	450	20,6	7,1	727	596	388	626	3109	700	1,23177
381688	1738	500	450	23,0	8,0	833	682	443	717	3563	700	1,23735

### Chrome - straight

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}\text{C}$ watt $\phi$ 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ watt $\phi$ 70/55/20°	$\Delta T 30^{\circ}\text{C}$ watt $\phi$ 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
386987	840	500	450	11,5	4,0	253	208	136	218	1082	300	1,22010
386988	1213	500	450	16,1	5,6	359	292	188	309	1546	300	1,27382
386989	1512	500	450	20,6	7,1	501	406	258	431	2171	500	1,30608

Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the output value by fixing the  $\Delta T$  at  $50^{\circ}\text{C}$ .  $\Delta T$  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  $\Delta T$  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 386979:  $422 * (60/50)^{1,21802} = 527$ .

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.

$\phi_x$  = output to be calculated -  $\phi_{\Delta T 50}$  = output at  $\Delta T 50^{\circ}\text{C}$  (table) -  $\Delta T_x$  =  $\Delta T$  value to be calculated - "n" = exponent "n" (table).