



h 719



PIPES: 9

h 1150



PIPES: 14

h 1420



PIPES: 18

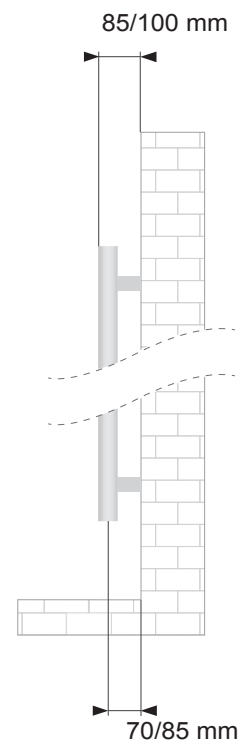
h 1703



PIPES: 21

	straight
<b>Material</b>	carbon steel
<b>Pipes - mm</b>	50x10x1,5
<b>Collectors - mm</b>	30x40x1,5
<b>Connections</b>	3x1/2' *
<b>Wall fixings</b>	3
<b>Max pressure</b>	4 bar
<b>Max temperature</b>	90 °C
<b>Paint</b>	epoxypolyester powder
<b>Packaging</b>	P.P. corners + carton box + external nylon shrink wrap
* 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	$\Delta T_{50^{\circ}C}$ watt $\phi$ 75/65/20°	$\Delta T_{42,5^{\circ}C}$ watt $\phi$ 70/55/20°	$\Delta T_{30^{\circ}C}$ watt $\phi$ 55/45/20°	$\Delta T_{50^{\circ}C}$ kcal/h	$\Delta T_{60^{\circ}C}$ btu	heating element watt	$\Delta T_{50^{\circ}C}$ exponent n
386130	719	500	450	7	2,5	325	267	175	280	1386	300	1,21652
386131	1150	500	450	10,9	3,8	488	400	260	420	2089	500	1,2371
386132	1420	500	450	13,8	4,9	611	500	324	526	2618	700	1,24316
386133	1703	500	450	16,3	6	727	594	385	626	3116	800	1,24654

### Anthracite VOV 12 - straight

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T_{50^{\circ}C}$ watt $\phi$ 75/65/20°	$\Delta T_{42,5^{\circ}C}$ watt $\phi$ 70/55/20°	$\Delta T_{30^{\circ}C}$ watt $\phi$ 55/45/20°	$\Delta T_{50^{\circ}C}$ kcal/h	$\Delta T_{60^{\circ}C}$ btu	heating element watt	$\Delta T_{50^{\circ}C}$ exponent n
386127	719	500	450	7	2,5	325	267	175	280	1386	300	1,21652
386128	1150	500	450	10,9	3,8	488	400	260	420	2089	500	1,2371
386129	1420	500	450	13,8	4,9	611	500	324	526	2618	700	1,24316

### Chrome - straight

code	h mm	width mm	interaxis mm	weight kg	water lt	$\Delta T_{50^{\circ}C}$ watt $\phi$ 75/65/20°	$\Delta T_{42,5^{\circ}C}$ watt $\phi$ 70/55/20°	$\Delta T_{30^{\circ}C}$ watt $\phi$ 55/45/20°	$\Delta T_{50^{\circ}C}$ kcal/h	$\Delta T_{60^{\circ}C}$ btu	heating element watt	$\Delta T_{50^{\circ}C}$ exponent n
386134	719	500	450	7	2,5	203	167	108	175	871	200	1,23634
386135	1150	500	450	10,9	3,8	300	246	159	258	1287	300	1,24538
386136	1420	500	450	13,8	4,9	370	301	193	319	1594	400	1,27474
386137	1703	500	450	16,3	6	442	360	232	381	1901	500	1,26725

Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the output value by fixing the  $\Delta T$  at 50° 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.:  $((75+65/2)-20)=50^{\circ}C$ . 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 386134:  $203*(60/50)^{1,23634} = 255$ .

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