



h 823



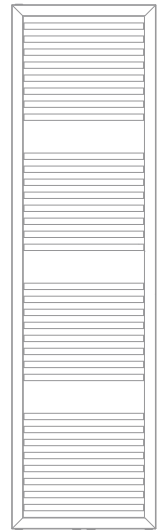
PIPES: 14

h 1228



PIPES: 21

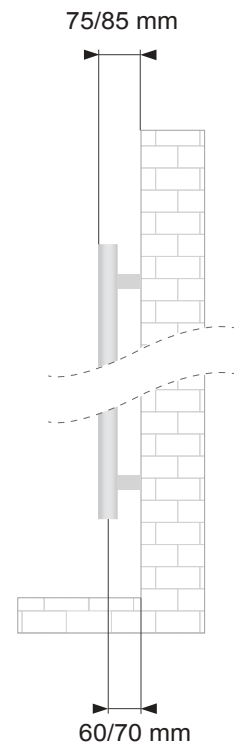
h 1813



PIPES: 32

	straight
<b>Material</b>	carbon steel
<b>Pipes - Ø</b>	22x0,9
<b>Collectors - mm</b>	40x30x1,5
<b>Connections</b>	5x1/2' *
<b>Wall fixings</b>	4
<b>Max pressure</b>	8 bar
<b>Max temperature</b>	120 °C
<b>Paint</b>	epoxypolyester powder
<b>Packaging</b>	cardboard protections and box
* air bleeding valve connection, included	

**Standard equipment:** 1 kit wall fixing brackets - 1 air bleeding valve - 2 blind plugs



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



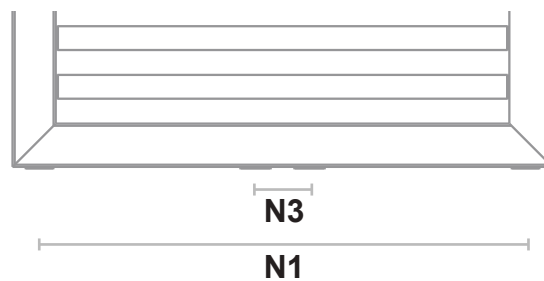
**VOV16**  
Azzurrite

## White RAL 9016 - straight

code	h mm	width mm	interaxis N1 mm	interaxis N3 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	$\Delta T 50^{\circ}C$ exponent n
384837	823	500	450	50	6,9	4,3	395	324	212	340	1686	1,22330
384838	823	600	550	50	7,8	4,9	480	394	257	413	2048	1,21884
384839	1228	500	450	50	9,5	5,9	586	479	310	504	2512	1,24662
384840	1228	600	550	50	10,7	7	690	565	367	594	2952	1,23404
384841	1813	500	450	50	13,5	8,6	861	706	460	741	3675	1,22679
384842	1813	600	550	50	15,3	9,9	1007	823	533	866	4317	1,24772

## Anthracite - straight

code	h mm	width mm	interaxis N1 mm	interaxis N3 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	$\Delta T 50^{\circ}C$ exponent n
384843	823	500	450	50	6,9	4,3	395	324	212	340	1686	1,22330
384844	823	600	550	50	7,8	4,9	480	394	257	413	2048	1,21884
384845	1228	500	450	50	9,5	5,9	586	479	310	504	2512	1,24662
384846	1228	600	550	50	10,7	7	690	565	367	594	2952	1,23404
384847	1813	500	450	50	13,5	8,6	861	706	460	741	3675	1,22679
384848	1813	600	550	50	15,3	9,9	1007	823	533	866	4317	1,24772



Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the output value by fixing the  $\Delta T$  at  $50^{\circ}C$ .  $\Delta T$  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 384837:  $395 * (60/50)^{1,22330} = 494$ .

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).