



h 840



PIPES: 10

h 1213



PIPES: 14

h 1512



PIPES: 18

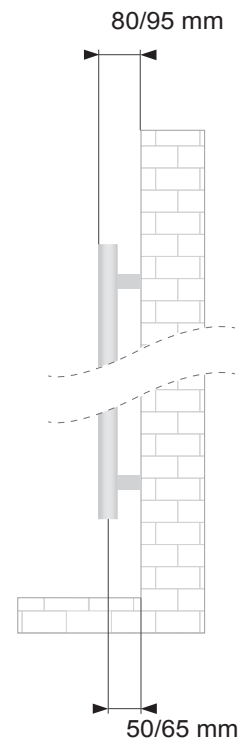
h 1738



PIPES: 20

	straight
Material	carbon steel
Pipes - mm	70x11x1,5
Collectors - Ø	35x1,5
Connections	3x1/2' *
Wall fixings	4
Max pressure	4 bar
Max temperature	120 °C
Paint	epoxypolyester powder
Packaging	cardboard protections and 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
Tabak



VOV09
White



VOV11
Silver grey



VOV13
Amethyst



VOV15
Quartz



VOV16
Azurite

White RAL 9016 - straight

code	height mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}\text{C}$ watt ϕ 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ watt ϕ 70/55/20°	$\Delta T 30^{\circ}\text{C}$ watt ϕ 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	11,1	4,0	422	347	227	363	1799	500	1,21802
386981	1213	500	450	14,9	5,7	590	484	316	508	2519	700	1,22439
386983	1512	500	450	18,7	7,1	727	596	388	626	3109	700	1,23177
386985	1738	500	450	21,4	7,9	833	682	443	717	3563	700	1,23735

Anthracite VOV 12 - straight

code	height mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}\text{C}$ watt ϕ 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ watt ϕ 70/55/20°	$\Delta T 30^{\circ}\text{C}$ watt ϕ 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	11,1	4,0	422	347	227	363	1799	500	1,21802
386976	1213	500	450	14,9	5,7	590	484	316	508	2519	700	1,22439
386977	1512	500	450	18,7	7,1	727	596	388	626	3109	700	1,23177
381688	1738	500	450	21,4	7,9	833	682	443	717	3563	700	1,23735

Chrome - straight

code	height mm	width mm	interaxis mm	weight kg	water lt	$\Delta T 50^{\circ}\text{C}$ watt ϕ 75/65/20°	$\Delta T 42,5^{\circ}\text{C}$ watt ϕ 70/55/20°	$\Delta T 30^{\circ}\text{C}$ watt ϕ 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	10,8	4,1	253	208	136	218	1082	300	1,22010
386988	1213	500	450	15,5	5,7	359	292	188	309	1546	300	1,27382
386989	1512	500	450	19,7	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 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 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.

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).