

Camelia

Technical Sheet



h 1738



PIPES: 37

h 1450



PIPES: 30

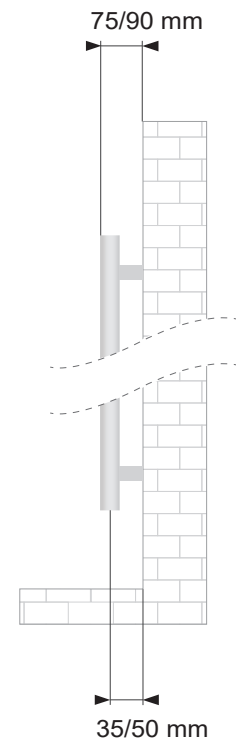
h 1190



PIPES: 26

Material	carbon steel
Pipes - Ø	22x1,2
Collectors - Ø	35x1,5
Connections	3x1/2' *
Wall fixings	3
Max pressure	6 bar
Max temperature	120 °C
Paint	epoxypolyester powder
Packaging	P.P. corners + cardboard protections and box
* air bleeding valve connection, included	

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



White RAL 9016 - straight

code	height 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°	$\Delta T 60^{\circ}C$ btu	heating element watt	$\Delta T 50^{\circ}C$ exponent n
21159	1190	500	450	11,1	5,6	624	513	336	2658	700	1,21295
21160	1450	500	450	12,8	6,9	737	603	392	3153	700	1,23599
21161	1738	500	450	15,8	8,2	900	736	478	3853	1000	1,24225

Sandblasted anthracite - straight

code	height 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°	$\Delta T 60^{\circ}C$ btu	heating element watt	$\Delta T 50^{\circ} C$ exponent n
21170	1190	500	450	11,1	5,6	624	513	336	2658	700	1,21295
21171	1450	500	450	12,8	6,9	737	603	392	3153	700	1,23599
21172	1738	500	450	15,8	8,2	900	736	478	3853	1000	1,24225

Chrome - straight

code	height 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°	$\Delta T 60^{\circ}C$ btu	heating element watt	$\Delta T 50^{\circ} C$ exponent n
21162	1190	500	450	11,3	5,6	431	350	224	1860	500	1,28663
21163	1450	500	450	13,1	6,9	510	415	266	2198	500	1,27681
21164	1738	500	450	16,7	8,1	622	507	327	2672	700	1,26027

Soft gold - straight

code	height 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°	$\Delta T 60^{\circ}C$ btu	heating element watt	$\Delta T 50^{\circ} C$ exponent n
77758	1190	500	450	10,8	5,7	537	438	283	2307	500	1,25509
77759	1450	500	450	12,7	6,5	633	516	332	2723	700	1,26517
77760	1738	500	450	15,6	8,0	777	633	407	3341	700	1,26353

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 21159: $624 * (60/50)^{1,21295} = 779$.

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).