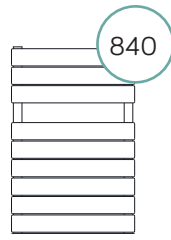


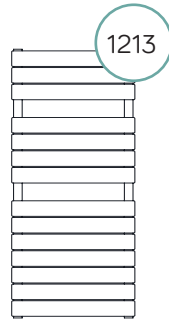
# Palermo

Technical sheet

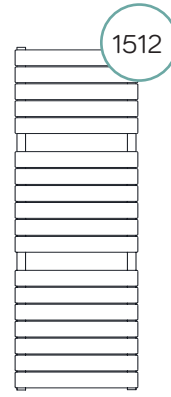




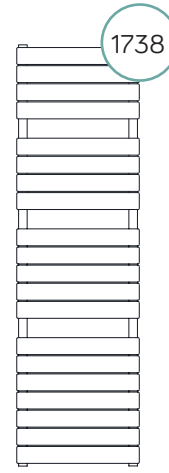
PIPES: 10



PIPES: 14



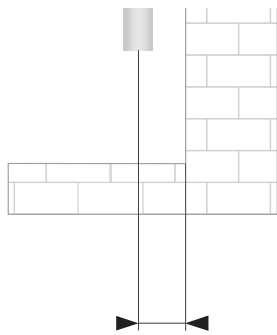
PIPES: 18



PIPES: 20

Description	Straight
Material	Carbon steel
Pipes - mm	70x11x1,5
Collectors - Ø	35x1,5
Connections	3x1/2' (air bleeding valve connection, included)
Wall fixings	4
Max operating pressure	4 bar
Max operating temperature	90 °C
Paint	Epoxy polyester powder
Packaging	Nylon bag, carton box and protections
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve

### Connection

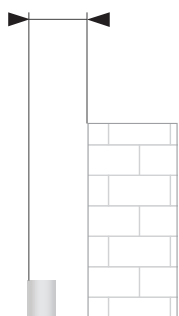


Min.	Max
50	65

**I** SINGLE PIPE VALVE OPTION

**K** DUAL FUEL USE

### Wall distance



Min.	Max
80	95

## White RAL9016 - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	$\Delta T_{50} \text{ }^\circ\text{C}$ Watt	$\Delta T_{30} \text{ }^\circ\text{C}$ Watt	$\Delta T_{42,5} \text{ }^\circ\text{C}$ Watt	$\Delta T_{60} \text{ }^\circ\text{C}$ Watt	Exponent n	Heating element Watt
389376	840	500	450	11,1	4	422	227	347	527	1,21802	500
389377	1213	500	450	14,9	5,7	590	316	484	738	1,22439	700
389378	1512	500	450	18,7	7,1	727	388	596	911	1,23177	700
389379	1738	500	450	21,4	7,9	833	443	682	1044	1,23735	700

## Anthracite VOV12 - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	$\Delta T_{50} \text{ }^\circ\text{C}$ Watt	$\Delta T_{30} \text{ }^\circ\text{C}$ Watt	$\Delta T_{42,5} \text{ }^\circ\text{C}$ Watt	$\Delta T_{60} \text{ }^\circ\text{C}$ Watt	Exponent n	Heating element Watt
386975	840	500	450	11,1	4	422	227	347	527	1,21802	500
386976	1213	500	450	14,9	5,7	590	316	484	738	1,22439	700
386977	1512	500	450	18,7	7,1	727	388	596	911	1,23177	700
381688	1738	500	450	21,4	7,9	833	443	682	1044	1,23735	700

## Chrome - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	$\Delta T_{50} \text{ }^\circ\text{C}$ Watt	$\Delta T_{30} \text{ }^\circ\text{C}$ Watt	$\Delta T_{42,5} \text{ }^\circ\text{C}$ Watt	$\Delta T_{60} \text{ }^\circ\text{C}$ Watt	Exponent n	Heating element Watt
386987	840	500	450	10,8	4,1	253	136	208	317	1,22010	300
386988	1213	500	450	15,5	5,7	359	188	292	453	1,27382	300
386989	1512	500	450	19,7	7,1	501	258	406	636	1,30608	500

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:  $\phi_x = \phi_{\Delta T_{50}} * (\Delta T_x / 50)^n$ .

Ex.:  $((75+65)/2)-20=50$  °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 °C of article 389376:  $422 * (60/50)^{1,21802} = 527$ .

Output values in kcal/h = watt x 0,85984.

Output values in btu = watt x 3,412.

### KEY

$T_1$  = 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 °C (table) -  $\Delta T_x = \Delta T$  value to be calculated -  $n$  = exponent "n" (table).