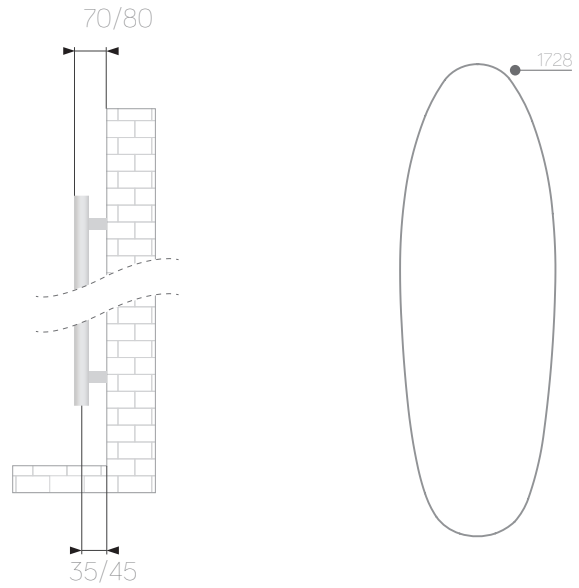


# Tavolara

Technical sheet



Material	Carbon steel
Radiator - mm	1728x535x7
Connections	5x1/2*
Wall fixings	4
Max pressure	8 bar
Max temperature	120°
Paint	epoxypolyester powder
Packaging	cardboard box + cardboard and styrofoam internal protections + polyethylene foam sheet

**Standard equipment:** 1 kit wall fixing brackets - 1 air bleeding valve - 2 blind plugs - 3 chromed caps for blind plug and air bleeding valve

\* air bleeding valve connections, included

The product is suitable for either a vertical or a horizontal installation. For this reason it has been designed with 3 connections for the air vent.

## Tabak VOV08

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt $\Delta T 50^{\circ}C$	watt $\Delta T 30^{\circ}C$	watt $\Delta T 42,5^{\circ}C$	btu $\Delta T 60^{\circ}C$	$\Delta T 50^{\circ}C$ exponent n
384972	1728	535	50	23,3	1,3	713	376	582	3058	1,25085

## White VOV09

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt $\Delta T 50^{\circ}C$	watt $\Delta T 30^{\circ}C$	watt $\Delta T 42,5^{\circ}C$	btu $\Delta T 60^{\circ}C$	$\Delta T 50^{\circ}C$ exponent n
384682	1728	535	50	23,3	1,3	713	376	582	3058	1,25085

## Anthracite VOV12

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt $\Delta T 50^{\circ}C$	watt $\Delta T 30^{\circ}C$	watt $\Delta T 42,5^{\circ}C$	btu $\Delta T 60^{\circ}C$	$\Delta T 50^{\circ}C$ exponent n
384681	1728	535	50	23,3	1,3	713	376	582	3058	1,25085

### Amethyst VOV13

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt $\Delta T 50^{\circ}C$	watt $\Delta T 30^{\circ}C$	watt $\Delta T 42,5^{\circ}C$	btu $\Delta T 60^{\circ}C$	$\Delta T 50^{\circ}C$ exponent n
388690	1728	535	50	23,3	1,3	713	376	582	3058	1,25085

### Quartz VOV15

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt $\Delta T 50^{\circ}C$	watt $\Delta T 30^{\circ}C$	watt $\Delta T 42,5^{\circ}C$	btu $\Delta T 60^{\circ}C$	$\Delta T 50^{\circ}C$ exponent n
384774	1728	535	50	23,3	1,3	713	376	582	3058	1,25085

### Azzurrite VOV16

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt $\Delta T 50^{\circ}C$	watt $\Delta T 30^{\circ}C$	watt $\Delta T 42,5^{\circ}C$	btu $\Delta T 60^{\circ}C$	$\Delta T 50^{\circ}C$ exponent n
384973	1728	535	50	23,3	1,3	713	376	582	3058	1,25085

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:  $\left(\frac{T_1+T_2}{2}\right)-T_3$ .

Ex.:  $\left(\frac{75+65}{2}\right)-20=50^{\circ}C$ . 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 384972:  $713 * (60/50)^{1,25085} = 896$ .

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).