



Material	Carbon steel
Radiator - mm	1595x490x7
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
384968	1595	490	50	19,6	1,0	579	304	473	2488	1,25716

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
384684	1595	490	50	19,6	1,0	579	304	473	2488	1,25716

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
384686	1595	490	50	19,6	1,0	579	304	473	2488	1,25716

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
384969	1595	490	50	19,6	1,0	579	304	473	2488	1,25716

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
384970	1595	490	50	19,6	1,0	579	304	473	2488	1,25716

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
384971	1595	490	50	19,6	1,0	579	304	473	2488	1,25716

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

Ex.: $\left(\frac{75+65}{2}\right)-20=50^{\circ}C$. For output values with a different 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 384968: $579 * (60/50)^{1,25716} = 729$.

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).