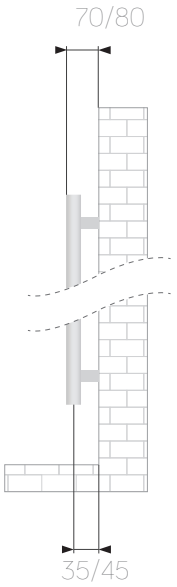
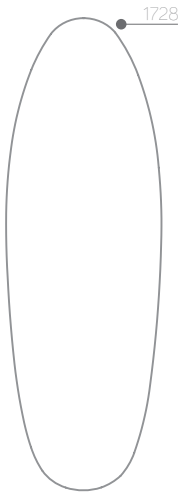
Tavolara

Technical sheet

ONLY CENTRAL CONNECTIONS

VERTICAL OR HORIZONTAL INSTALLATION





Material	Carbon steel
Radiator - mm	1728x535x7
Connections	5x1/2 (air bleeding valve connections, included)
Wall fixings	4
Max pressure	8 bar
Max temperature	90 °C
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

Tabak VOV08

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	ΔT50 °C watt	ΔT30 °C watt	ΔT42,5 °C watt	ΔT60 °C watt	Exponent n
384972	1728	535	50	23,3	1,3	713	376	582	896	1,25085

White VOV09

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	ΔT50 °C watt	ΔT30 °C watt	ΔT42,5 °C watt	ΔT60 °C watt	Exponent n
384682	1728	535	50	23,3	1,3	713	376	582	896	1,25085

Anthracite VOV12

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	ΔT50 °C watt	ΔT30 °C watt	ΔT42,5 °C watt	ΔT60 °C watt	Exponent n
384681	1728	535	50	23,3	1,3	713	376	582	896	1,25085

Tavolara

Amethyst VOV13

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	ΔT50 °C watt	ΔT30 °C watt	ΔT42,5 °C watt	ΔT60 °C watt	Exponent n
384869	1728	535	50	23,3	1,3	713	376	582	896	1,25085

Quartz VOV15

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	ΔT50 °C watt	ΔT30 °C watt	ΔT42,5 °C watt	ΔT60 °C watt	Exponent n
384774	1728	535	50	23,3	1,3	713	376	582	896	1,25085

Azzurrite VOV16

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	ΔT50 °C watt	ΔT30 °C watt	ΔT42,5 °C watt	ΔT60 °C watt	Exponent n
384973	1728	535	50	23,3	1,3	713	376	582	896	1,25085

Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the ouput 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 °C. For output values with a different Δt use the following formula: $\phi_x = \phi_{\Delta t50} *(\Delta t_x/50)^n$.

See calculation example of the output at Δt 60 °C 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.

KEY

T_1 = supply temperature - T_2= return temperature - T_3= room temperature.

ϕ_x = output to be calculated - $\phi_{\Delta t50}$ = output at Δt 50 °C (table) - Δt_x = Δt value to be calculated - ^{n}= exponent "n" (table).