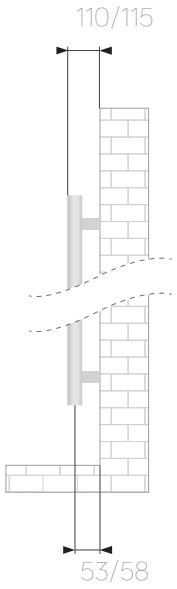
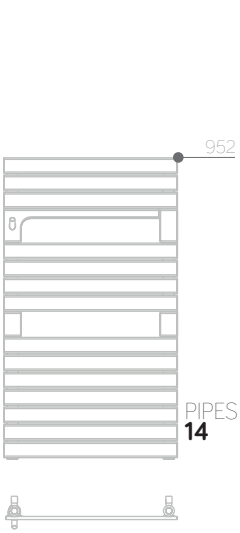
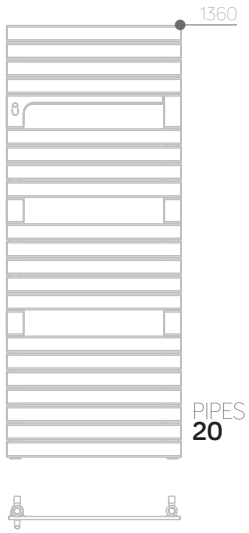
Torino

Technical sheet







Material	Carbon steel
Pipes- mm	50x10x1,5
Collectors - Ø	35x1,5
Connections	4x1/2*
Wall fixings	4
Max pressure	4 bar
Max temperature	120°
Paint	epoxypolyester powder
Packaging	cardboard box + cardboard and styrofoam protections + polyethylene foam sheet

*** air bleeding valve connection, included**

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

White VOV09

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt ΔT50°C	watt ΔT30°C	watt ΔT42,5°C	btu ΔT60°C	ΔT 50° C exponent n	heating element (watt)
383747	952	550	495	13,2	3,8	510	274	419	2174	1,21547	600
383748	1360	550	495	18,6	5,3	715	381	586	3058	1,23285	600

Anthracite VOV12

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt ΔT50°C	watt ΔT30°C	watt ΔT42,5°C	btu ΔT60°C	ΔT 50° C exponent n	heating element (watt)
383749	952	550	495	13,2	3,8	510	274	419	2174	1,21547	600
383750	1360	550	495	18,6	5,3	715	381	586	3058	1,23285	600

Quartz VOV15

code	h (mm)	width (mm)	interaxis (mm)	weight (kg)	water (lt)	watt ΔT50°C	watt ΔT30°C	watt ΔT42,5°C	btu ΔT60°C	ΔT 50° C exponent n	heating element (watt)
383751	952	550	495	13,2	3,8	510	274	419	2174	1,21547	600
383752	1360	550	495	18,6	5,3	715	381	586	3058	1,23285	600

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° of article 383747: $510*(60/50)^{1,21547}= 637$.

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 - $\phi_{\Delta T50}$ = output at ΔT 50° C (table) - ΔT_x = ΔT value to be calculated - ^{n}= exponent "n" (table).

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