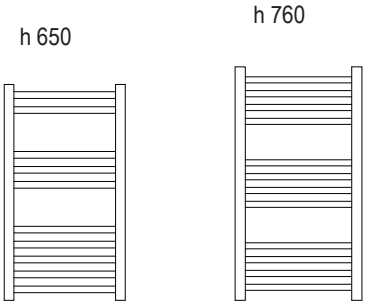
Padova

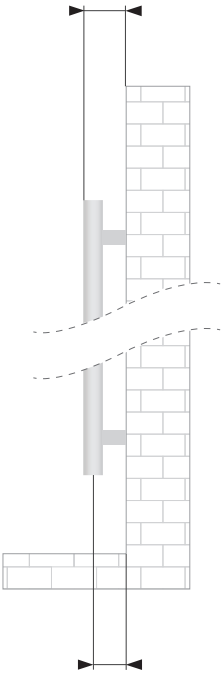
Technical sheet



EN 442 EURONORM CE

90/105 mm

	straight
Material	carbon steel
Pipes - Ø	20x1
Collectors - mm	30x40x1,2
Connections	3x1/2' *
Wall fixings	3
Max pressure	10 bar
Max temperature	120 °C
Paint	epoxypolyester powder
Packaging	P.P. corners + carton box + external nylon shrink wrap
*** air bleeding valve connection, included**	



Standard equipment: 1 kit wall fixing brackets - 1 air bleeding valve

White RAL 9016 - straight

code	height mm	width mm	interaxis mm	weight kg	water lt	ΔT50°C ϕ watt 75/65/20°	ΔT42,5°C ϕ watt 70/55/20°	ΔT30°C ϕ watt 55/45/20°	ΔT 50°C kcal/h	ΔT 60°C btu	ΔT 50° C exponent n
386284	650	400	350	3,5	2,2	213	175	115	184	908	1,21155
386285	760	500	450	4,6	2,8	317	261	170	273	1352	1,21913

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 386284: $213*(60/50)^{1,21155}$= 266.
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).

Rev. 0 -09-09-2020