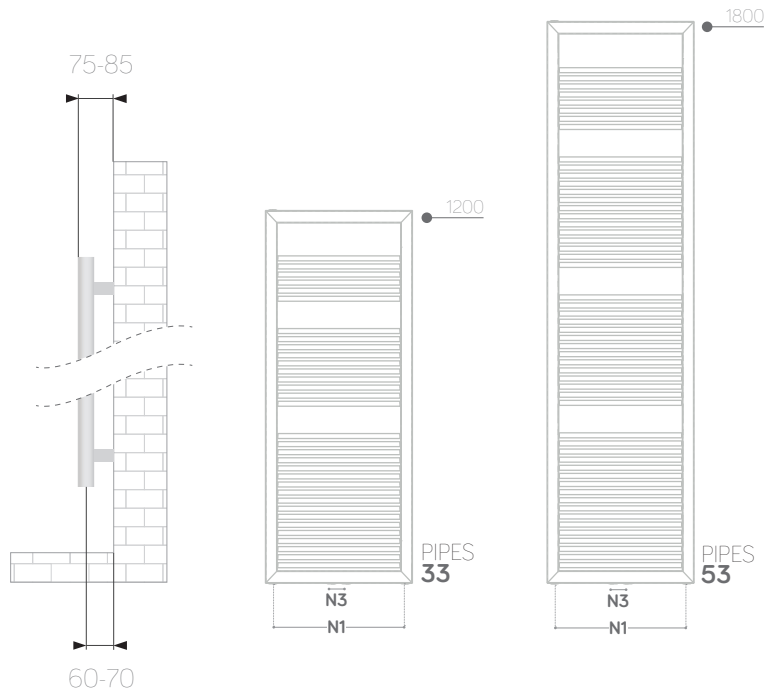


# Amalfi

Technical sheet



ALSO 50MM CENTRAL CONNECTIONS



Material	carbon steel
Pipes - Ø	16x1,2
Collectors - mm	40x30x1,5
Connections	5x1/2 (air bleeding valve connection, included)
Wall fixings	4
Max pressure	8 bar
Max temperature	90 °C
Paint	epoxypolyester powder
Packaging	cardboard box and 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

## White RAL 9016

code	h (mm)	width (mm)	pipe centre N1 (mm)	pipe centre N3 (mm)	weight (kg)	water (lt)	ΔT50 °C (watt)	ΔT30 °C (watt)	ΔT42,5 °C (watt)	ΔT60 °C (watt)	exponent n
384825	1200	500	450	50	11,7	5,2	618	324	504	778	1,26138
384826	1200	600	550	50	13,5	5,9	717	377	585	903	1,26018
384827	1800	500	450	50	17,4	7,6	894	467	728	1127	1,26967
384828	1800	600	550	50	20,1	8,6	1041	542	847	1314	1,27619

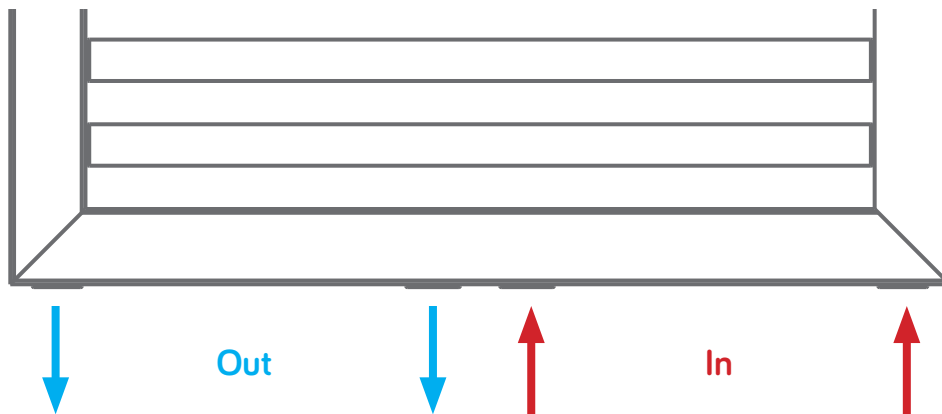
## White VOV09

code	h (mm)	width (mm)	pipe centre N1 (mm)	pipe centre N3 (mm)	weight (kg)	water (lt)	ΔT50 °C (watt)	ΔT30 °C (watt)	ΔT42,5 °C (watt)	ΔT60 °C (watt)	exponent n
384829	1200	500	450	50	11,7	5,2	618	324	504	778	1,26138
384830	1200	600	550	50	13,5	5,9	717	377	585	903	1,26018
384831	1800	500	450	50	17,4	7,6	894	467	728	1127	1,26967
384832	1800	600	550	50	20,1	8,6	1041	542	847	1314	1,27619

## Anthracite VOV12

code	h (mm)	width (mm)	pipe centre N1 (mm)	pipe centre N3 (mm)	weight (kg)	water (lt)	$\Delta T_{50} \text{ }^{\circ}\text{C}$ (watt)	$\Delta T_{30} \text{ }^{\circ}\text{C}$ (watt)	$\Delta T_{42,5} \text{ }^{\circ}\text{C}$ (watt)	$\Delta T_{60} \text{ }^{\circ}\text{C}$ (watt)	exponent n
384833	1200	500	450	50	11,7	5,2	618	324	504	778	1,26138
384834	1200	600	550	50	13,5	5,9	717	377	585	903	1,26018
384835	1800	500	450	50	17,4	7,6	894	467	728	1127	1,26967
384836	1800	600	550	50	20,1	8,6	1041	542	847	1314	1,27619

## Configurations



Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the output value by fixing the  $\Delta T$  at 50 °C.  $\Delta T$  is the difference between the average temperature of the water inside the radiator and the room temperature. The formula is:  $\phi_x = \phi_{\Delta T_{50}} * (\Delta T_x / 50)^n$ .

Ex.:  $((75+65/2)-20)= 50 \text{ }^{\circ}\text{C}$ . 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 °C of article 384825:  $618 * (60/50)^{1,26138} = 778$ .

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.

$\phi_x$  = output to be calculated -  $\phi_{\Delta T_{50}}$  = output at  $\Delta T$  50 °C (table) -  $\Delta T_x$  =  $\Delta T$  value to be calculated -  $n$  = exponent "n" (table).