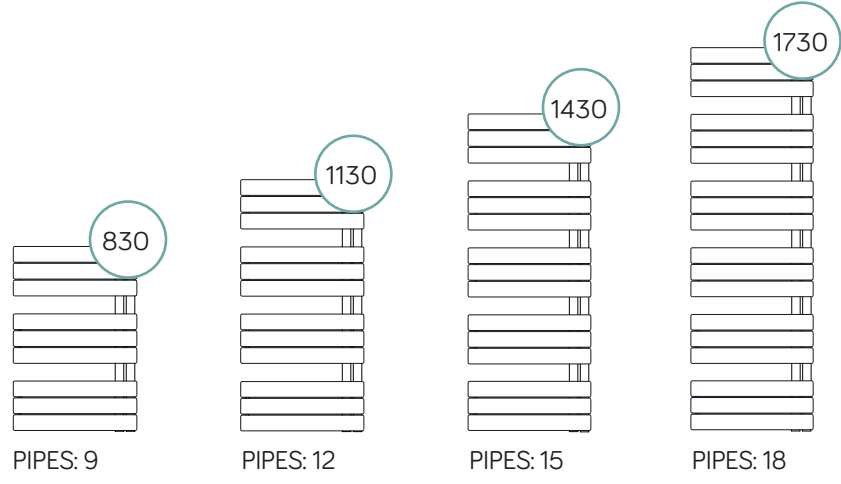


# Alba

Technical sheet





Description	Straight
Material	Carbon steel
Pipes - mm	70x11x1,5
Collectors - Ø	38x1,5
Connections	4x1/2' (air bleeding valve connection, included)
Wall fixings	4
Max operating pressure	4 bar
Max operating temperature	90 °C
Paint	Epoxy polyester powder
Packaging	Nylon bag, carton box, carton and styrofoam protections
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve - 1 blind plug

### Connection

Min.	Max
50	65

- REVERSIBLE
- DUAL FUEL USE
- ONLY 50 MM CONNECTIONS

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### Wall distance

Min.	Max
80	95

### Suggested installations

## White RAL9016 - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	$\Delta T_{50}^{\circ C}$ Watt	$\Delta T_{30}^{\circ C}$ Watt	$\Delta T_{42,5}^{\circ C}$ Watt	$\Delta T_{60}^{\circ C}$ Watt	Exponent n	Heating element Watt
380337	830	500	50	10,4	3,7	374	202	308	466	1,20141	300
380338	830	600	50	12	4,4	448	245	370	556	1,18386	500
380339	1130	500	50	13,9	4,9	483	260	397	603	1,21562	500
380340	1130	600	50	16	5,9	574	309	472	716	1,21140	500
380341	1430	500	50	17,3	6,4	602	321	493	754	1,22982	700
380342	1430	600	50	20,3	7,2	727	386	595	912	1,23893	700
380343	1730	500	50	20,8	7,8	731	391	599	915	1,22847	700
380344	1730	600	50	24,4	8,6	915	478	745	1154	1,27110	1000

## Anthracite VOV12 - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	$\Delta T_{50}^{\circ C}$ Watt	$\Delta T_{30}^{\circ C}$ Watt	$\Delta T_{42,5}^{\circ C}$ Watt	$\Delta T_{60}^{\circ C}$ Watt	Exponent n	Heating element Watt
380345	830	500	50	10,4	3,7	374	202	308	466	1,20141	300
380346	830	600	50	12	4,4	448	245	370	556	1,18386	500
380347	1130	500	50	13,9	4,9	483	260	397	603	1,21562	500
380348	1130	600	50	16	5,9	574	309	472	716	1,21140	500
380349	1430	500	50	17,3	6,4	602	321	493	754	1,22982	700
380350	1430	600	50	20,3	7,2	727	386	595	912	1,23893	700
380351	1730	500	50	20,8	7,8	731	391	599	915	1,22847	700
380352	1730	600	50	24,4	8,6	915	478	745	1154	1,27110	1000

## Chrome - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	$\Delta T_{50}^{\circ C}$ Watt	$\Delta T_{30}^{\circ C}$ Watt	$\Delta T_{42,5}^{\circ C}$ Watt	$\Delta T_{60}^{\circ C}$ Watt	Exponent n	Heating element Watt
380353	830	500	50	10,3	3,7	221	113	179	281	1,31576	200
380354	1130	500	50	13,9	4,9	297	153	241	376	1,29251	300
380355	1430	500	50	17,4	6,4	372	194	303	469	1,26926	300
380356	1730	500	50	21,1	7,8	448	234	365	565	1,27132	500

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.:  $((75+65/2)-20)= 50$  °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 380337:  $374 * (60/50)^{1,20141} = 466$ .

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).