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Technical sheet

EN EURONORM 442 CE

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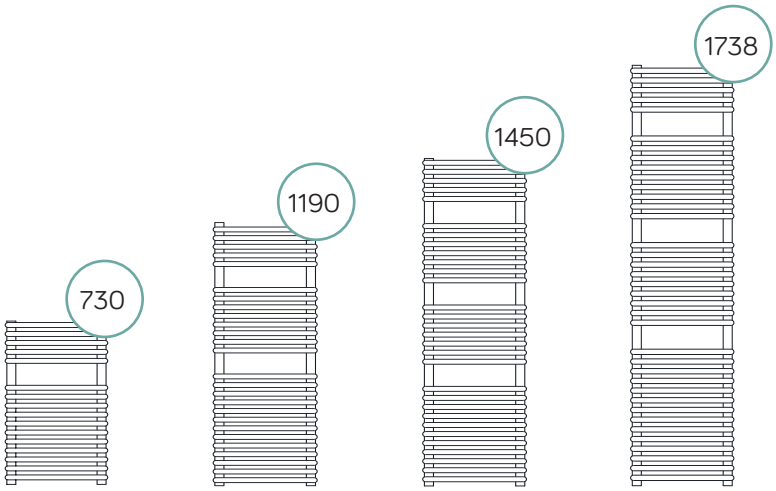
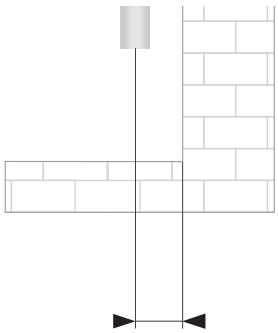


Description	Straight	Straight 50 mm
Material	Carbon steel	
Pipes - Ø	22x1,2	
Collectors - Ø	35x1,5	
Connections	3x1/2'	5x1/2'
	(air bleeding valve connection, included)	
Wall fixings	3	
Max operating pressure	6 bar	
Max operating temperature	90 °C	
Paint	Epoxypolyester powder	
Packaging	Nylon bag, carton box and protections	
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve	1 kit wall fixing brackets - 1 air bleeding valve - 2 blind plugs

Connection



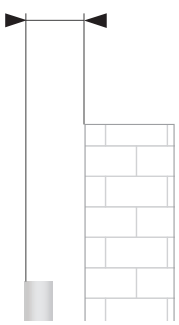
Min.	Max
35	50

SINGLE PIPE VALVE OPTION

DUAL FUEL USE

ALSO 50 MM CONNECTIONS

Wall distance



Min.	Max
75	90

White RAL9016 - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n	Heating element Watt
386606	730	500	450	6,9	3,5	397	215	327	495	1,20764	300
386607	730	600	550	7,8	3,9	465	248	381	583	1,23217	500
386608	1190	500	450	11,1	5,6	624	336	513	779	1,21295	700
386609	1190	600	550	12,6	6,5	718	384	589	899	1,22847	700
386610	1450	500	450	12,8	6,9	737	392	603	924	1,23599	700
386611	1450	600	550	14,7	7,6	866	463	710	1084	1,22803	1000
386612	1738	500	450	15,8	8,2	900	478	736	1129	1,24225	1000
386613	1738	600	550	18	9,2	1075	573	880	1346	1,23204	1000

Anthracite VOV12 - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n	Heating element Watt
388670	1190	600	550	12,6	6,5	718	384	589	899	1,22847	700
388671	1450	600	550	14,7	7,6	866	463	710	1084	1,22803	1000

Chrome - straight

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n	Heating element Watt
386614	730	500	450	6,9	3,5	272	144	223	342	1,24839	300
386615	730	600	550	7,8	3,9	328	177	270	409	1,20900	300
386616	1190	500	450	11,3	5,6	431	224	350	545	1,28663	500
386617	1190	600	550	12,8	6,5	494	260	403	622	1,26142	500
386618	1450	500	450	13,1	6,9	510	266	415	644	1,27681	500
386619	1450	600	550	14,7	7,7	594	311	484	749	1,27088	700
386620	1738	500	450	16,7	8,1	622	327	507	783	1,26027	700
386621	1738	600	550	18,1	9,3	710	372	578	895	1,26567	700

White RAL9016 - straight 50 mm

Code	Height mm	Width mm	Interaxis mm	Weight kg	Water lt	ΔT50 °C Watt	ΔT30 °C Watt	ΔT42,5 °C Watt	ΔT60 °C Watt	Exponent n	Heating element Watt
386625	1190	600	50	12,6	6,5	718	384	589	899	1,22847	700
386627	1450	600	50	14,7	7,6	866	463	710	1084	1,22803	1000
386629	1738	600	50	18	9,2	1075	573	880	1346	1,23204	1000

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 386606: $397*(60/50)^{1,20764}= 495$.
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).

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