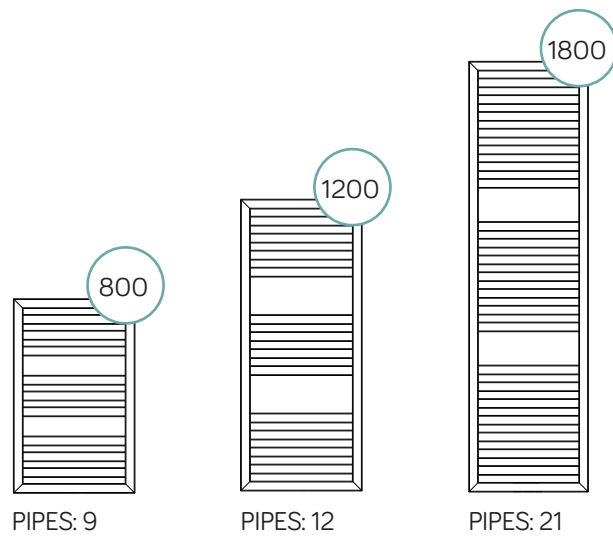


Cuneo

Technical sheet





Description	Straight
Material	Carbon steel
Pipes - mm	40x30x1,5
Collectors - mm	20x40x1,5
Connections	5x1/2" (air bleeding valve connection, included)
Wall fixings	4
Max operating pressure	8 bar
Max operating temperature	90 °C
Paint	Epoxy polyester powder
Packaging	Nylon bag, carton box and protections
Standard equipment	1 kit wall fixing brackets - 1 air bleeding valve - 2 blind plugs

Connection

Min.	Max
60	70

50 WITH BOTH LATERAL AND CENTRAL 50 MM CONNECTIONS

Wall distance

Min.	Max
75	85

Interaxis

50 mm
N1

White RAL9016 - straight

Code	Height mm	Width mm	Interaxis N1 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
380614	800	500	450	8,7	4,8	373	200	306	467	1,22347
380615	800	600	550	10,2	5,4	454	243	373	568	1,21939
380616	1200	500	450	11,7	6,5	535	284	438	671	1,23916
380617	1200	600	550	13,5	7,4	620	327	507	779	1,24967
380618	1800	500	450	18,5	9,9	801	424	655	1005	1,24332
380619	1800	600	550	21,3	11,7	938	494	766	1179	1,25324

Anthracite VOV12 - straight

Code	Height mm	Width mm	Interaxis N1 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
380620	800	500	450	8,7	4,8	373	200	306	467	1,22347
380621	800	600	550	10,2	5,4	454	243	373	568	1,21939
380622	1200	500	450	11,7	6,5	535	284	438	671	1,23916
380623	1200	600	550	13,5	7,4	620	327	507	779	1,24967
380624	1800	500	450	18,5	9,9	801	424	655	1005	1,24332
380625	1800	600	550	21,3	11,7	938	494	766	1179	1,25324

Chrome - straight

Code	Height mm	Width mm	Interaxis N1 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
380626	800	500	450	8,9	4,8	237	125	194	298	1,24352
380627	800	600	550	10,4	5,4	274	147	225	343	1,22561
380628	1200	500	450	11,7	6,5	323	169	263	407	1,26528
380629	1200	600	550	13,6	7,4	381	199	311	481	1,26738
380630	1800	500	450	18,5	9,9	496	258	403	627	1,28045
380631	1800	600	550	21,7	11,7	601	315	490	757	1,26465

Our radiators are tested in qualified laboratories according to EN-442 regulations which determine the output 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: $\phi_x = \phi_{\Delta T_{50}} * (\Delta T_x / 50)^n$.

Ex.: $((75+65)/2)-20=50$ °C. For output values with a different ΔT use the following formula: $\phi_x = \phi_{\Delta T_{50}} * (\Delta T_x / 50)^n$.

See calculation example of the output at ΔT 60 °C of article 380614: $373 * (60/50)^{1,22347} = 467$.

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