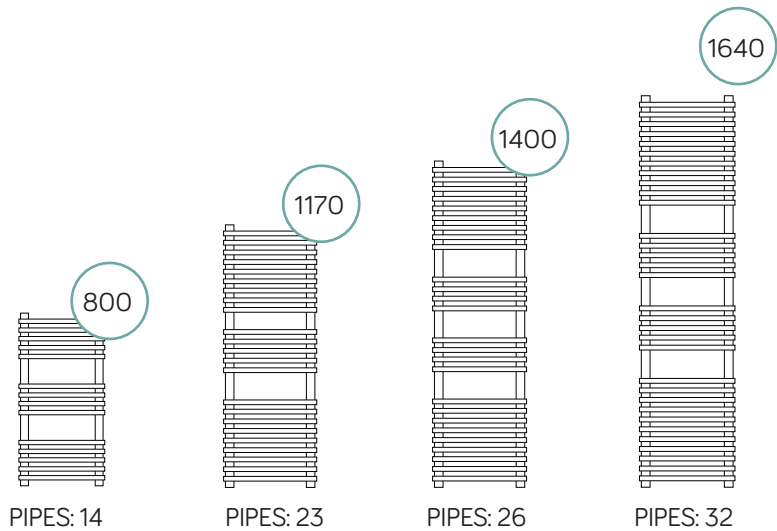


Trapani

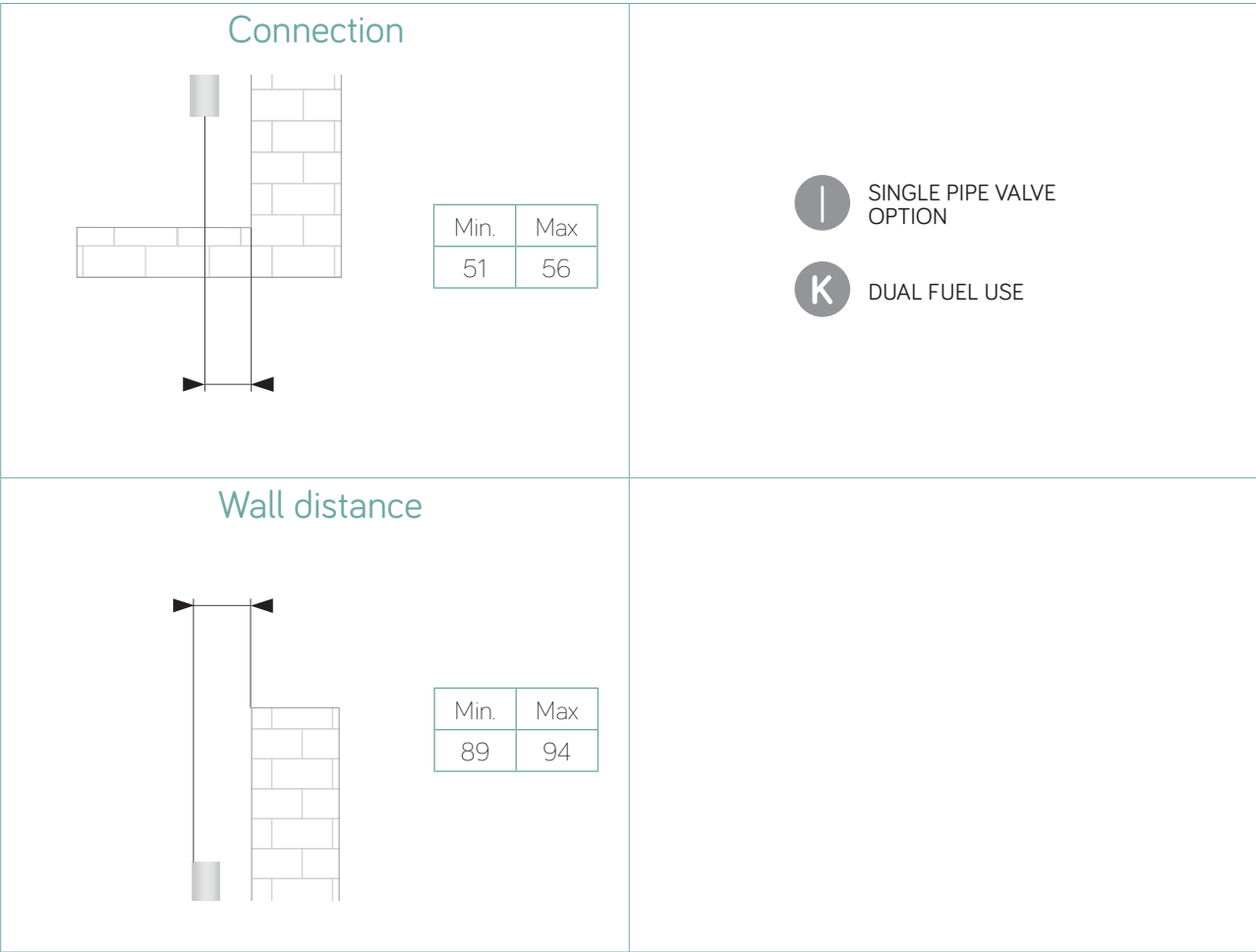
Technical sheet

EN **442** CE





Description	Straight
Material	Carbon steel
Pipes - mm	20x20x1,2
Collectors - Ø	32x1,5
Connections	3x1/2" (air bleeding valve connection, included)
Wall fixings	4
Max operating pressure	10 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



White VOV09 - straight

Code	Height mm	Width mm	Pipe centre 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	Exponente n	Heating el. Watt
389984	800	500	450	7,1	3,1	378	207	313	469	1,17685	300
389985	1170	500	450	11,2	5,0	553	299	455	690	1,20709	500
389986	1400	500	450	12,9	5,7	675	361	554	845	1,22589	700
389987	1640	500	450	15,8	6,7	815	432	667	1022	1,24002	700

Anthracite VOV12 - straight

Code	Height mm	Width mm	Pipe centre 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	Exponente n	Heating el. Watt
389988	800	500	450	7,1	3,1	378	207	313	469	1,17685	300
389989	1170	500	450	11,2	5,0	553	299	455	690	1,20709	500
389990	1400	500	450	12,9	5,7	675	361	554	845	1,22589	700
389991	1640	500	450	15,8	6,7	815	432	667	1022	1,24002	700

Chrome - straight

Code	Height mm	Width mm	Pipe centre 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	Exponente n	Heating el. Watt
389992	800	500	450	7,2	3,1	261	140	214	327	1,22257	300
389993	1170	500	450	11,2	5,0	373	197	305	469	1,25245	300
389994	1400	500	450	13,1	5,7	453	237	369	572	1,27103	500
389995	1640	500	450	15,8	6,7	547	285	445	691	1,27974	500

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 389984: $378 * (60/50)^{1,17685} = 469$.

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) - ΔT_x = ΔT value to be calculated - n = exponent "n" (table).