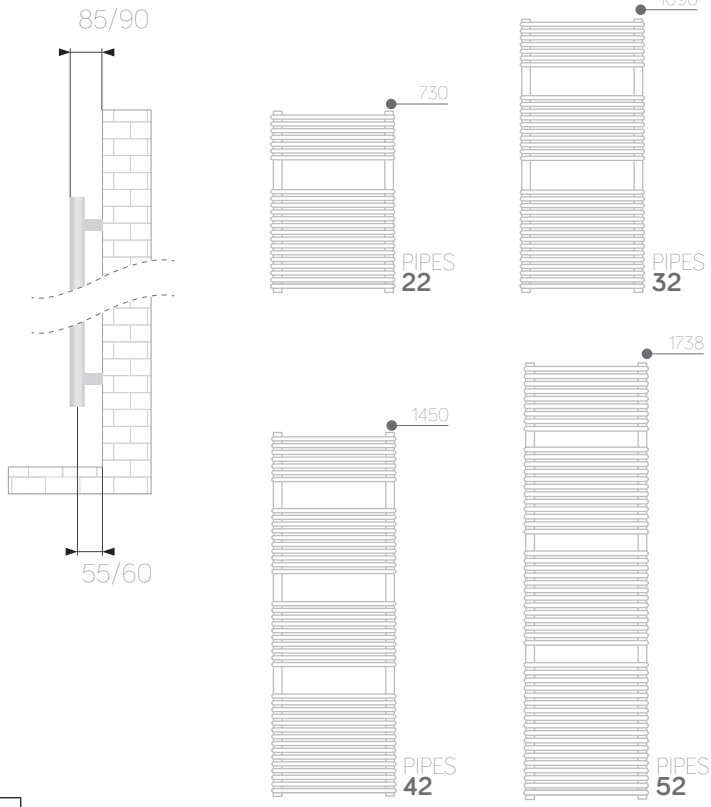
Ragusa

Technical sheet

K DUAL-FUEL USE



Material	carbon steel
Pipes - Ø	16x1,2
Collectors - Ø	35x1,5
Connections	3x1/2 (air bleeding valve connection, included)
Wall fixings	4
Max pressure	6 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 - 1 chromed cap for air bleeding valve

White RAL 9016

code	h (mm)	width (mm)	pipe centre (mm)	weight (kg)	water (lt)	ΔT50 °C (watt)	ΔT30 °C (watt)	ΔT42,5 °C (watt)	ΔT60 °C (watt)	exponent n	heating element (watt)
383715	730	500	450	7,7	2,8	424	231	350	527	1,18397	300
383716	1090	500	450	10,1	4,1	610	328	501	761	1,21204	600
383717	1090	600	550	11,6	4,6	709	381	583	885	1,21398	600
383718	1450	500	450	13,1	5,3	799	426	654	1001	1,23312	900
383719	1450	600	550	14,6	5,9	926	486	755	1166	1,26142	900
383720	1738	500	450	16,0	6,6	954	504	779	1199	1,24998	900
383721	1738	600	550	17,9	7,1	1176	611	956	1486	1,28073	900

Ragusa

Chrome

code	h (mm)	width (mm)	pipe centre (mm)	weight (kg)	water (lt)	ΔT50 °C (watt)	ΔT30 °C (watt)	ΔT42,5 °C (watt)	ΔT60 °C (watt)	exponent n	heating element (watt)
383722	730	500	450	7,7	2,8	277	147	227	348	1,24252	300
383723	1090	500	450	9,9	4,1	421	223	345	528	1,24165	300
383724	1090	600	550	11,5	4,6	478	255	392	599	1,23216	300
383725	1450	500	450	13,0	5,3	569	299	464	713	1,23312	600
383726	1450	600	550	15,1	5,9	654	346	534	822	1,24814	600
383727	1738	500	450	16,1	6,6	689	361	561	866	1,24998	600
383728	1738	600	550	18,2	7,1	776	408	633	977	1,25895	900

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 383715: $424*(60/50)^{1,18397}$= 527.

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).