

Technical Parameters for boiler combination heaters

The following product data satisfy the requirements of the EU Regulations No. 813/2013 AnnexII 5.

KITURAMI K1 COMBI ErP	Symbol(unit)	K1-22E	K1-28E	K1-34E	K1-40E
Rated Heat Output					
At rated Heat Output (Arithmetic mean)	P4 (kW)	10.95	13.25	16.55	22.6
At 30% of rated heat output	P1 (kW)	3.6	4.4	5.3	7.3
Auxiliary electricity Consumption					
At full load (Arithmetic mean input)	elmin (kW)	0.028	0.035	0.038	0.047
At part load (30% of Arithmetic)	elmin (kW)	0.019	0.02	0.022	0.020
In standby mode	PSB (kW)	0.005	0.005	0.003	0.005
Seasonal Space Heating Energy Efficiency					
Seasonal Space Heating Energy Efficiency (GCV)	η_s (%)	91	90	91	91
At rated Heat Output (Arithmetic mean) (GCV)	η_4 (%)	89.4	88.9	88.7	88.3
At 30% of rated heat output (GCV)	η_1 (%)	96.8	95.6	96	95.6
For Combination Heaters					
Declare load profile	-	XL	XL	XL	XL
Daily electricity consumption	Qelec (kWh)	0.230	0.230	0.218	0.218
Water heating energy efficiency	η_{wh} (%)	80	80	81	81
Daily Fuel Consumption	Qfuel (kWh)	15.917	15.917	15.553	15.730
Other Items					
Standby Heat Loss	Pstby (kW)	0.090	0.075	0.056	0.053
Emissions of Nitrogen Oxides	NOx(mg/kWh)	15 (NCV) 13 (GCV)	17 (NCV) 16 (GCV)	9 (NCV) 8 (GCV)	16 (NCV) 15 (GCV)