

## Electric-Heating Boilers KUE 120, 200, 500 kg/hr

Universal Electric-Heating Boilers KUE are suitable sources of heat for technological and heating use. Boilers are supplied in the following performance:

**KUE Middle pressure steam boilers**

**KUE-H Hot-water boilers**

**KUE-T Warm-water boilers**

**KUE-A Low presser steam boilers**

### Description of boiler

The boiler is large space boiler with electric heating. The pressure system is composed by cylindrical welded drum horizontally placed on supporting structure. There are resistance heaters plugged in into drum securing heat-up of heat transfer fluid. Boilers are supplied together with encasing and insulation and necessary fittings. Boiler switchboard including power part, mounted water level control including boiler output control and monitoring flue gas and water temperature is within the supply. On-off feed water control from Gestra enables boiler operation in the mode with periodical supervision 1x in 2 hours.

It is possible to extend the supply with Gestra equipment for boiler operation without constant supervision in the mode 1 x in 24 hours and with automatic intermittent blowdown.

Design, fittings and garniture, production and documents are in conformity with the requirements ČSN.

### KUE - Technical parameters

Technical parameters	Units	KUE 120	KUE 200	KUE 500
Nominal output	kg/hr	120	200	500
Rated thermal capacity	kW	78	130	325
Maximum heating output	kW	90	150	360
Maximum steam pressure	MPa	0,17 ; 0,6 ; 0,9		
Nominal temperature of feed water	°C	Min. 70		
Number of heaters	-	3	5	12
Type of heaters		404795260, 30 kW, 3x 400V		
Volume of water	m <sup>3</sup>	0,84	0,84	1,6
Boiler weight-transportation	kg	1020	1064	1600
Weight of accessories	kg	300	300	400

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