

Electric Steam Boiler

Accutek electric steam boilers utilize electric heating elements as the primary heat source. These elements are made of high-quality stainless steel or nichrome alloy, providing efficient and reliable heating performance. Accutek electric steam boilers are known for their compact and space-saving design, making them suitable for installation in areas where space is limited, such as industrial facilities, laboratories, and commercial kitchens. The boilers feature a user-friendly control panel that allows operators to easily adjust settings such as steam pressure, temperature, and operating mode.

Safety is a top priority in Accutek electric steam boilers, and they are equipped with a range of safety features to prevent accidents and ensure reliable operation. These features include pressure relief valves, high-limit switches, and automatic shutdown systems in case of overheating or other emergencies.

Electric steam boilers are known for their high efficiency compared to traditional steam boilers that rely on fossil fuels. Electric steam boilers offer precise control over the heating process, resulting in minimal energy waste and lower operating costs.

Accutek electric steam boilers are versatile heating solutions suitable for a wide range of applications and heating processes in industries such as food and beverage, pharmaceuticals, textiles, and manufacturing. Accutek electric steam boilers are designed for easy installation and maintenance, with simple plumbing and electrical connections. Routine maintenance tasks such as cleaning and inspection are straightforward, ensuring minimal downtime and maximum reliability.

Key Features:

- This product line consists of five main components: furnace chamber, heaters, water supply systems, control systems, and outer shell.
- The heating element is fully immersed in water, ensuring exceptional thermal efficiency.
- The water supply utilizes a high-pressure gear pump, enabling continuous water addition without interrupting heating or reducing pressure, thereby minimizing downtime.
- Moreover, the control system features a water alarm that automatically halts water heating. Once powered on, water supplied, and the start switch engaged, it seamlessly initiates operations, reaching normal steam levels within 15 to 20 minutes.

Options:

- N/a



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Specifications:

Spec (Kw)	Rated pressure (MPa)	Rated evaporation (kg/h)	Voltage (V)	Pump power (Kw)	Power (Kw)	Power wire (mm ²)
3	0.7/1.0	4.3	380/220	0.55/0.75	3	1.5/4
6	0.7/1.0	8.6	380/220	0.55/0.75	6	2.5/6
9	0.7/1.0	12.9	380/220	0.55/0.75	9	4/10
12	0.7/1.0	17.2	380	0.55/0.75	12	6
15	0.7/1.0	21.5	380	0.55/0.75	15	10
18	0.7/1.0	25.8	380	0.55/0.75	18	10
24	0.7/1.0	34.4	380	0.55/0.75	24	10
27	0.7/1.0	38.7	380	0.55/0.75	27	10
30	0.7/1.0	43.0	380	0.55/0.75	30	≥10
36	0.8/1.0	51.6	380	0.55/0.75	36	≥16
45	0.7/1.0	64.5	380	0.55/0.75	45	≥16
50	0.7/1.0	71.7	380	0.55/0.75	50	≥25
60	0.8/1.0	86.0	380	0.55/0.75	60	≥35
72	0.8/1.0	103	380	0.55/0.75	72	≥50
90	0.8/1.0	129	380	0.55/0.75	90	≥50
100	0.8/1.0	143	380	0.55/0.75	100	≥70

Recommended Products this machine can apply steam to:

1. Textile industry: Steam can be used for fabric dyeing, finishing, and pressing.
2. Food industry: Steam is essential for cooking, sterilizing, and processing food products such as dairy, meat, and vegetables.
3. Pharmaceutical industry: Steam is utilized for sterilization of equipment and containers, as well as in various processes of pharmaceutical manufacturing.
4. Chemical industry: Steam plays a crucial role in chemical reactions, distillation, and purification processes.
5. Paper industry: Steam is used in paper manufacturing for drying and shaping pulp, as well as in paperboard production.
6. Power generation: Steam turbines are used in power plants to generate electricity.
7. Automotive industry: Steam is utilized in car wash facilities for cleaning vehicles efficiently.