

VAP EL

ELECTRIC INDUSTRIAL BOILER



THE ZERO-EMISSION STEAM SOLUTION

**From 20 kg/h to 500 kg/h
with parallel boiler configuration possible**

ENVIRONMENTALLY FRIENDLY

- The VAP EL electric boiler produces zero emissions at the point of production. No fossil fuel consumption means no exhaust emissions into the atmosphere.
- All incoming electrical energy is converted into thermal energy in the form of steam. The efficiency is close to 100% with minimal heat loss.
- The VAP EL electric boiler is designed to be compact and can be installed close to the process. There is no requirement for gas networks or fuel storage tanks.



**RELIABLE &
SAFE DESIGN**



**ENVIRONMENTALLY
FRIENDLY**



**FLEXIBLE
SOLUTION**



**FULL RANGE OF
ANCILLARY EQUIPMENT**

SIMPLE, RELIABLE OPERATION

- The VAP EL robust design ensures simple maintenance and inspection.
- The control panel is mounted on the front of the boiler for simple, practical operation.
- Low water volume minimises stored energy and associated risk.

WHY CHOOSE THE VAP EL ELECTRIC BOILER?

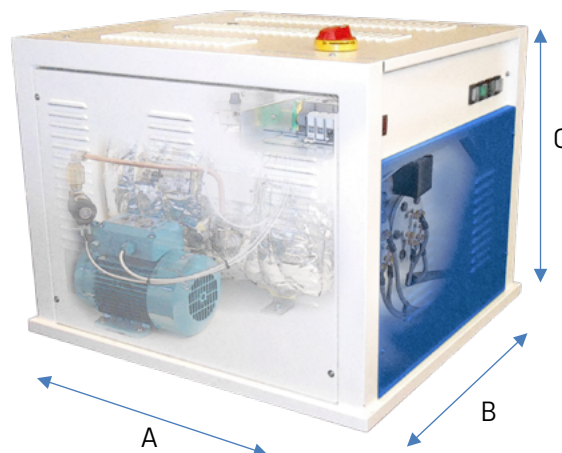
- No requirement for fossil fuels on the production site
- Zero emission
- Minimum footprint
- Quick start and steam produced in few minutes
- Low water volume, which minimise the start-up energy requirement.
- Simple maintenance and reduced inspections
- Precise pressure control with variable power output
- High efficiency with low heat loss
- Reduced installation and operating costs

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FLEXIBLE SOLUTION

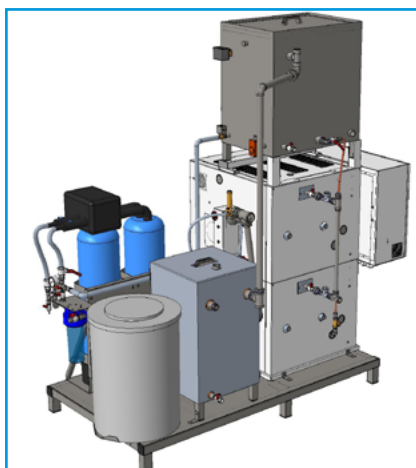
The VAP EL electric boiler is designed to operate in various industrial processes and is an excellent solution where an economic source of electricity is available.

- Steam pressure is adjustable from 2.0 to 8.5 barg depending on requirements.
- The boiler incorporates controls to allow operation at reduced power output.
- The boiler body and other components which are in contact with water are made of stainless steel 304 (optional).



FULL RANGE OF ANCILLARY EQUIPMENT AND SERVICES

- Water treatment chemicals
- Feedwater tanks
- Electrical pre-heater
- Complete turnkey solution on a skid
- Commissioning and after sales service



VAP EL	model	16	24	60	120	180	240	360
Steam Output ⁽¹⁾	Kg/h	20	32	80	160	240	320	480
Power Output ⁽¹⁾	kW	15	24	60	120	180	240	360
Width A	mm	445	586	837	1155	1155	1155x2	1155x2
Length B	mm	615	752	844	948	948	948x2	948x2
Height C	mm	983	776	629	1158	1718	1158	1718
Weight fully flooded	Kg	72	85	114	237	325	237x2	325x2

(1) Based on feedwater at 70°C

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Designers and manufacturers of Industrial Boilers, Air Heaters, Thermal Fluid Heaters, Thermal Oxidisers, Water Treatment Plant and associated equipment. Registered Number 573874 London.

Babcock Wanson's policy is one of continuous improvement and the right is reserved to change specifications and dimensions at any time without notice.



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