

TDS 161001

**8-1000** kg/hour  
steam capacity

**6-720** kw  
input

**ATLANTIC  
BOILERS**  
HIGH EFFICIENCY CONDENSING BOILER-PLANT

# A-YO SERIES

## ELECTRIC STEAM BOILER

316L stainless steel electrical heater tubes

Carbon or stainless steel with 50mm thick thermal insulation

Pressure guage, steam valve, safety valve drain valve accessories

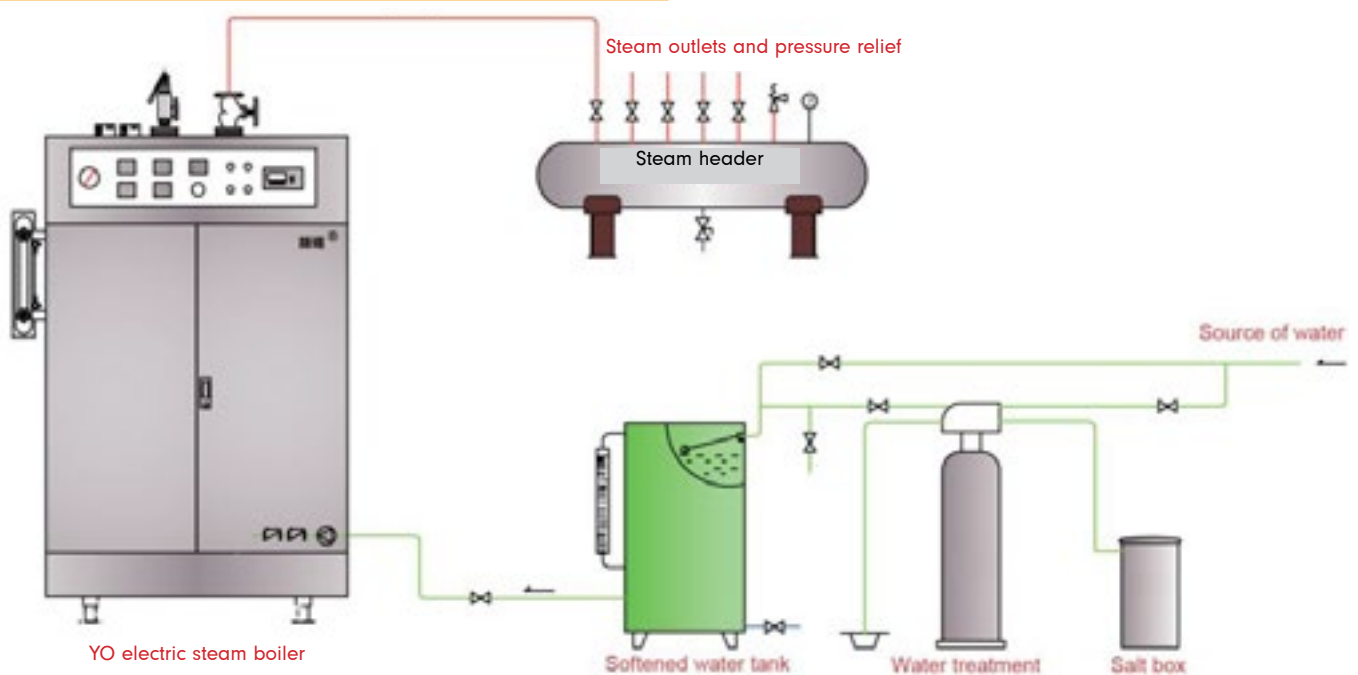
Intelligent digital controller

1000 litres fully automatic water softener

Steam header: 1500mm long x 219mm diameter

2000litres cold water feed storage

CE CERTIFICATION – GB150:2011. TSG G0001-2012  
GB/T16508-2013 to Directive 97/23/EC (Pressure Directive)



**FOR TECHNICAL HELP/ADVICE** Call 0161 621 5960  
or email [info@atlanticboilers.com](mailto:info@atlanticboilers.com)

**FOR FULL PRODUCT RANGE & LITERATURE**  
Visit [www.atlanticboilers.com](http://www.atlanticboilers.com)

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# A-YO SERIES

## ELECTRIC STEAM BOILER



Model: YO.540kW



### Water Softener

#### Softened water treatment reduces boiler scaling and increases length of life

Water softener – rated at 1,000 litres output per hour  
 Fully automatic control  
 Re-generative type with reverse flow  
 Water hardness reduced to less than 0.03mm  
 240volts single phase, 50Hz

### Control panel

The electric steam boiler is electronically controlled and the state of operation is shown on the screen

- Boiler water level control & safety
- Steam flow temperature
- Steam flow pressure
- Water feed pump flow, fault & alarm
- Manual over-ride
- Operation of safety devices

Model A-YO	36	45	50	60	72	90	100	120	180	200	360	540	720
OUTPUT kW	36	45	50	60	72	90	100	120	180	200	360	540	720
STEAM OUTPUT kg/Hr	51	64	70	86	103	129	143	172	257	300	515	772	1000
STEAM PRESSURE	8BARg or 10BARg												
ELECTRICAL SUPPLY	415volts, 3 phase												
DRY WEIGHT kgs	180	180	190	230	240	240	250	270	550	600	900	1500	1600
WATER CONTENT ltrs	29.3	27.5	27.5	48.5	48.5	48.5	48.5	48.5	354	623.5	625	1220	1220
<b>DIMENSIONS</b>													
WIDTH mm	520	550	550	600	600	600	600	650	1000	1000	1000	1500	1000
DEPTH mm	815	1035	1035	1135	1135	1135	1135	1450	1400	1400	1950	500	500
HEIGHT mm	1310	1420	1420	1540	1540	1540	1540	1770	1470	1470	1470	2200	2200

## A-YO ELECTRIC BOILER STEAM GENERATING TUBE

316L stainless steel flanged electric heating pipe  
 High-temperature magnesium oxide seal  
 Immersion heater rated at less than 11watts/cm2  
 Electrical supply at 415Volts, 3phase, 50Hz



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