

Electric Steam Boilers

29 kg/h - 479 kg/h

EFS (flash steam), Electropack & Europack

Improving life through heat transfer solutions

E.F.S

The Fulton E.F.S. (Electric Flash Steam) is a fully automatic, self-contained steam boiler.

The E.F.S. is specifically designed for applications requiring a short duration, high demand steam supply, such as steam sterilisation processes.

The E.F.S will fit through a standard door opening, allowing it to be used in office and laboratory environments.

Dimensions & Specifications: TI-114-EFS-DS

6 Models: 18 kW - 72 kW

29 kg/h - 115 kg/h F & A 100 °C

Operating pressure 10.34 bar

Integrated feedwater tank

Integrated feedwater pump

5 year guarantee standard on the pressure vessel

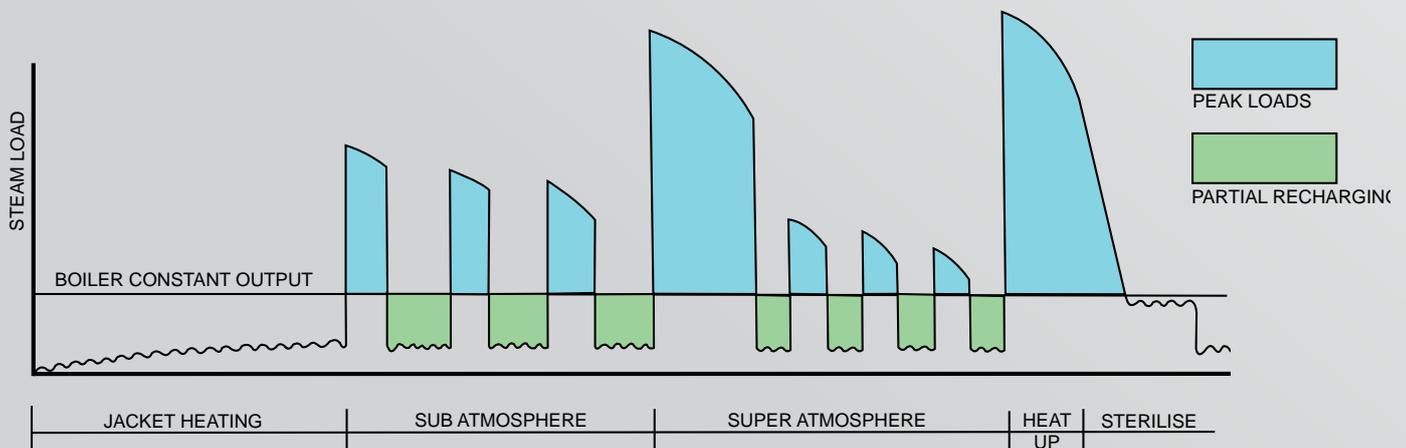
Typically Fulton E.F.S. Boilers are used to service porous load Autoclaves as follows:

- * 9 ft³ (2.74m³) Autoclave = 24kW E.F.S.
- *14 ft³ (4.27m³) Autoclave = 48kW E.F.S.
- *21 ft³ (6.40m³) Autoclave = 48kW E.F.S.
- *28 ft³ (8.53m³) Autoclave = 72kW E.F.S.

**These figures may vary with the Autoclave Application/Manufacture and cycle.*

The diagram below illustrates a typical Porous Load Autoclave cycle where flash steam is released during peak load, and where the boiler steam pressure is restored or partially restored, during the cycle.

The recovery time to full working pressure at the end of the Autoclave cycle depends upon the kW rating of the E.F.S. boiler and the proportion of flash steam restored during the dwell parts of the cycle.



Electropack

The Fulton Electropack is self-contained, compact, and designed for ease of use. It is one of the most flexible and mobile boilers in Fulton's range.

Models EP18-EP72 have an integrated feedwater tank and feedwater pump, all in one compact unit. The EP100 model is supplied with a separate feedwater tank (optional extra).

The Electropack will fit through a standard door opening, allowing it to be used in office and laboratory environments.



Dimensions & Specifications: TI-115-EP18-72-DS
Dimensions & Specifications: TI-130-EP100-DS

7 Models: 18 kW - 100 kW

29 kg/h - 153 kg/h F & A 100 °C

**Constructed to BS EN 13445
Operating pressure 10.34 bar**

Integrated feedwater tank (EP18-EP72)

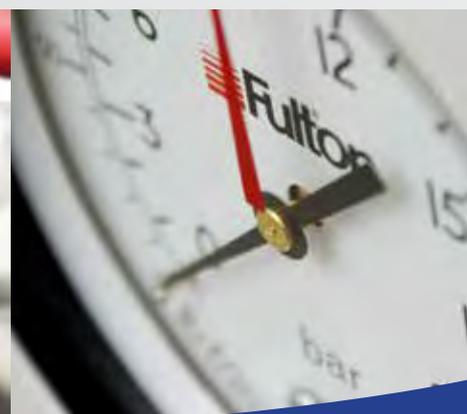
Integrated feedwater pump

Removable panels for easy servicing

Long life 'Incoloy' elements

Splash proof electrical enclosure & switches

5 year guarantee standard on the pressure vessel



Europack

The Fulton Europack Electric Steam Boiler is a highly efficient unit designed to meet the requirements of the mid-range demand steam user.



4 Models: 150 kW - 300 kW

239 kg/h - 479 kg/h F & A 100 °C

**Constructed to BS1894
Operating pressure 10.34 bar**

Multi element

5 year guarantee standard on the pressure vessel

Dimensions & Technical Specifications: TI-116-EU-DS

Optional Ancillary Equipment

Blowdown vessels to EN13445 & H&SE-PM60

Feedwater tanks with optional tank heating

Water treatment and chemical dosage

Fulton Ltd offer a complete service for the design, commission, manufacture and assembly of skid-mounted systems and prefabricated packaged plantrooms.



Skid Mounted
2 x EP with Ancillaries



Aftersales Support

Fulton provide excellent aftersales support which can include commissioning, spares supply, repair and emergency response, boiler upgrades, maintenance and annual service contracts.

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