

Dragon

Electric Steam Boiler 15kW - 68kW

- Fully packaged electric steam boiler
- Eight sizes: 15kW - 68kW
- Operating pressures 6.9 & 10.34 barg
- Constructed to BS 1894 1992 Class 2
- Five year warranty on pressure vessel
- Long life 'Incoloy' elements
- Epoxy/Polyester powder coated finish



DRAGON

Design

Fulton DRAGON Electric Steam Boilers are designed and manufactured to British Standard BS1894 1992 Class 2 and PED EC/97/23/EC for operating pressures of 100psi (6.9 barg) DE models, or 150psi (10.34 barg) HDE models. Each boiler is factory tested and independently inspected by a notified body throughout construction. The pressure vessel has a five year warranty.

Controls

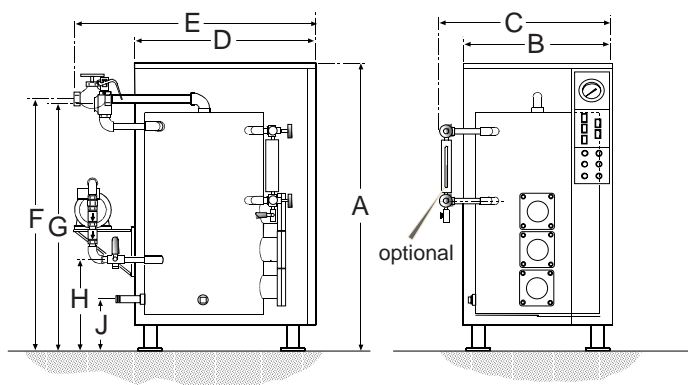
Safety and operating controls with indication lights are mounted on the front panel. Each element may be operated independently, giving the ability to match steam demand to boiler output. Solid state low water level controls are used.

Elements

The DRAGON is fitted with low watt density 'Incoloy' elements, the element size is specifically matched to the water content of the boiler. This ensures long life performance of the elements.

Specification

Model DE/HDE		15	18	24	30	36	45	55	70
Steam Output	kg/h	23	27	37	46	54	69	80	104
(F & A 100°C)									
Max Operating Pressure		DE 6.9 barg			HDE 10.34 barg				
kW Rating		15	18	23	30	35	45	53	68
Water Content	Litre	41	41	41	66	66	66	91	91
Net. Weight	kg	226	226	226	230	230	230	270	270
Shipping Weight	kg	236	236	236	240	240	240	280	280
Number of Elements		1	1	1	2	2	2	3	3
Electrics	400V 3ph 50Hz supply (other voltages supplied upon request).								



	MODEL - DE/HDE			PIPE SIZE (BSP)
	15/24	30/45	55/70	
A Height	950	950	1100	-
B Casing Width	565	565	565	-
C Total Width	665	665	665	-
D Casing Depth	690	695	690	-
E Total Depth	840	840	840	-
F Steam Valve (Outlet)	695	825	995	DN20 (3/4in.)
G Safety Valve (Outlet)	650	785	955	DN15 (1/2in.)
H Water Feed (Inlet)	355	355	355	DN15 (1/2in.)
J Blowdown (Outlet)	200	200	200	DN20 (3/4in.)

Dimensions mm
Dimensions are approximate and only intended as a guide to aid installation

Applications:-

Laundry & Dry Cleaning
Garment Processing
Food & Drink Processing
Hospital and Laboratories
Humidification
Steam Rooms
Proving Plant

Casing

An Epoxy/Polyester powder coating to the interior and exterior of the cabinet, combined with a robust construction in heavy gauge steel, give the DRAGON a modern attractive appearance. Operating controls are located at the front of the cabinet, with access for service. All service connections are made to the rear of the unit.

Boiler Trim and Controls

Individual element selectors.
Individual element contactors.
Feed water pump contactor.
Solid state low water cut-off.
Water level controls.
Pressure controls.
Steam valve. Blowdown valve.
Feed water stop valve.
Steam safety valve.
Water gauge set (not fitted as standard).

Ancillary Equipment Available

Condensate return tank - FS1
Blowdown vessel - BDV1
Exhaust head - 6/15
Water Treatment

After Sales Support

Fulton After Sales Department provides service contracts covering all aspects of after sales service and inspection. Boilers supplied overseas, are supported by Approved Distributors. UK based Engineers are available to travel worldwide for commissioning and application work.

Fulton
Fulton Boiler Works, (Great Britain) Ltd.
Broomhill Road,
Bristol, BS4 4TU,
England.

Sales & Service: +44 (0) 117 977 2563
Telephone: +44 (0) 117 972 3322
Fax: +44 (0) 117 972 3358
e-mail: uk-info@fulton.com
Web site: www.fulton.com