



FB-L

ELECTRIC STEAM BOILERS

12kW to 1000kW

- ▶ ZERO NO_x EMISSIONS
- ▶ QUIET AND SAFE OPERATION
- ▶ NEARLY 100% EFFICIENT



EFFICIENT, QUIET, SAFE OPERATION

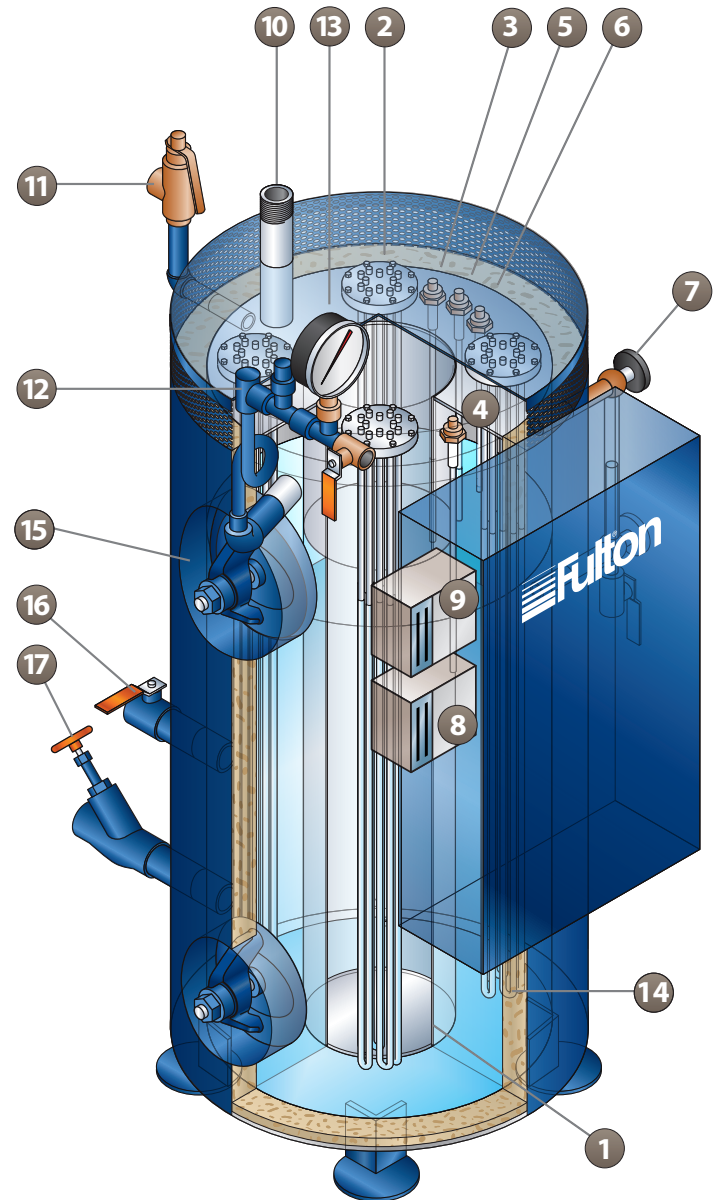
Fulton manufactures a complete line of electric steam (FB-L) from 12 kW to 1,000 kW (1.2 to 100 BHP) up to 150 PSI for heating and process applications.

Fulton's vertical design is a fully packaged steam boiler built to ASME specifications and applicable standards and codes. They are very efficient because the heating elements are totally immersed in water and the pressure vessel is fully insulated. Radiation losses are minimal. With a carefully calculated heat-to-steam ratio, operating pressures are achieved quickly with maximum efficiency. Electric boilers have no wasted fuel going out the stack as associated with fossil fuels; therefore, electric boilers are environmentally friendly. No NO_x (nitrogen oxides) are being transmitted to the atmosphere.

BETTER BY DESIGN

A LOOK INSIDE:

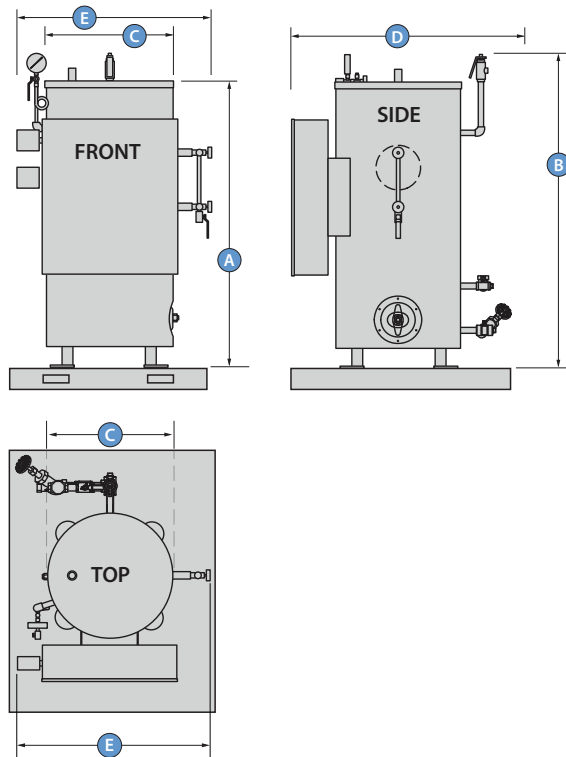
1. Pressure Vessel Is Built To ASME Code
2. Electric Heating Elements
3. Low Water Cut Off Probe
4. Auxiliary Low Water Cut Off Probe
5. Pump "On" Probe
6. Pump "Off" Probe
7. Sight Glass Assembly
8. Operating Pressure Control
9. High Limit Pressure Control
10. Steam Outlet
11. Safety Valve
12. Steam Gauge Assembly
13. Steam Pressure Gauge
14. High Temp Insulation Surrounds The Vessel
15. Large (3" x 4") Easily Access Handholes
16. Feedwater Shut-Off Valve
17. Blowdown Valve



SPECIFICATIONS AT A GLANCE

MODEL:		FB-L (Steam Boiler)	012	015	018	024	030	036	050	075	100	150	200	300	500	750	1000
SPECIFICATIONS																	
Unit Size	KW		12	15	18	24	30	36	50	75	100	150	200	300	500	750	1,000
	HP		1.2	1.5	1.8	2.4	3	3.6	5	7.5	10	15	20	30	50	75	100
DIMENSIONS																	
Number of Elements			1	1	1	2	2	2	2	3	4	6	4	4	7	10	14
(A) Height	IN		36	36	36	36	36	36	56	56	56	58	59	75	76	94	94
	MM		914.4	914.4	914.4	914.4	914.4	914.4	1422.4	1422.4	1422.4	1473.2	1498.6	1905	1930.4	2387.6	2387.6
(B) Height w/ Piping	IN		36	36	36	36	36	36	64	64	64	65	71	88	83	94	94
	MM		914.4	914.4	914.4	914.4	914.4	914.4	1625.6	1625.6	1625.6	1651	1803.4	2235.2	2108.2	2387.6	2387.6
(C) Boiler Diameter	IN		20	20	20	20	20	20	18	25	25	29	33	37	45	50	64
	MM		508	508	508	508	508	508	457.2	635	635	736.6	838.2	939.8	1143	1270	1625.6
(D) Overall Depth	IN		35	35	35	35	35	35	34	41	41	47	58	60	71	92	92
	MM		889	889	889	889	889	889	863.6	1041.4	1041.4	1193.8	1473.2	1524	1803.4	2336.8	2336.8
(E) Boiler Width Overall	IN		40	40	40	40	40	40	38	42	42	44	64	64	77	88	104
	MM		1016	1016	1016	1016	1016	1016	965.2	1066.8	1066.8	1117.6	1625.6	1625.6	1955.8	2235.2	2641.6
Steam Output**	LB/HR		42	53	63	84	105	126	175	263	350	525	700	1050	1750	2625	3500
	KG/HR		19.05	24.04	28.58	38.1	47.63	57.15	79.38	119.3	158.76	238.14	317.52	476.27	793.79	1190.68	1587.57
ELECTRICAL POWER																	
240V / 3 Phase	Amps		32	40	47	61	76	90	124	184	244	364	485	725	1206	1808	2409
480V / 3 Phase	Amps		16	20	24	31	38	45	62	92	122	182	243	363	603	904	1205
575V / 3 Phase	Amps		14	17	20	26	32	38	52	77	102	152	203	303	504	755	1006

FB-L MODEL



Specifications and Dimensions are approximate. We reserve the right to change specifications and/or dimensions without notice. Voltage applied higher than above ratings will result in higher amp draws.

Notes: * Indicates voltages may be available at special request.
 ** Steam output ratings, at 212°F feedwater. (0 PSIG)



OPTIMIZE YOUR BOILER SYSTEM

Fulton has been a family owned manufacturer of heat transfer equipment since 1949. FB-L and FB-W boilers are available through a worldwide network of authorized representatives. Your local representative will assist you in the selection of Fulton equipment to best meet your application needs.



Find your local sales
representative online at:

www.fulton.com/sales



Fulton Steam Solutions, Inc.
972 Centerville Road
Pulaski, NY 13142
(315) 298-5121

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