



High-Performance Packaged Boiler

Australia's largest certified
package boiler company.



**The Environmental
Group Limited**
Engineering a Sustainable Future

The Environmental Group Limited

www.environmental.com.au

Working across the **Circular** **Economy**

Our Purpose

Engineering a sustainable future.

Our Mission

To enable our clients to contribute to a cleaner environment by safely delivering pivotal solutions while generating value for our shareholders, staff, and partner industries.

Our Team

Our local experts are dedicated to reducing waste and boosting energy performance. Trusted worldwide to provide the highest standards of service and support.

Tomlinson Energy Services

Part of The Environmental Group

Tomlinson Energy Services is Australia's leading provider of packaged boiler solutions, delivering the highest combustion efficiency to keep operating costs low and performance high.

We specialise in custom design, installation, commissioning, and national servicing and repairs, complemented by our 24/7 emergency support.

With offices and a dedicated service team across Australia, Tomlinson Energy Services ensures boilers operate at peak performance for maximum efficiency and reliability.





Offering Industry Leading Boilers

Fulton radically challenges the industry status quo resulting in game-changing new boiler designs including the VSRT Boiler and the ENDURA+ boiler, culminating in more than 25 new patents worldwide.

Fulton has maintained a reputation for quality and excellence since 1949. From Steam and Hydronic boilers to Thermal Fluid Heaters and Custom Engineered Systems, Fulton has a product for virtually any industrial or commercial heating application.



FBW ELECTRIC HOT WATER BOILER (12KW TO 1960KW)

FB-W

Electric Hot Water Boilers

12 – 1000 KW

1.2 – 100 BHP



- ▶ Nearly 100% Efficient
- ▶ Zero Emissions
- ▶ Quiet and Safe
- ▶ No On-Site Combustion

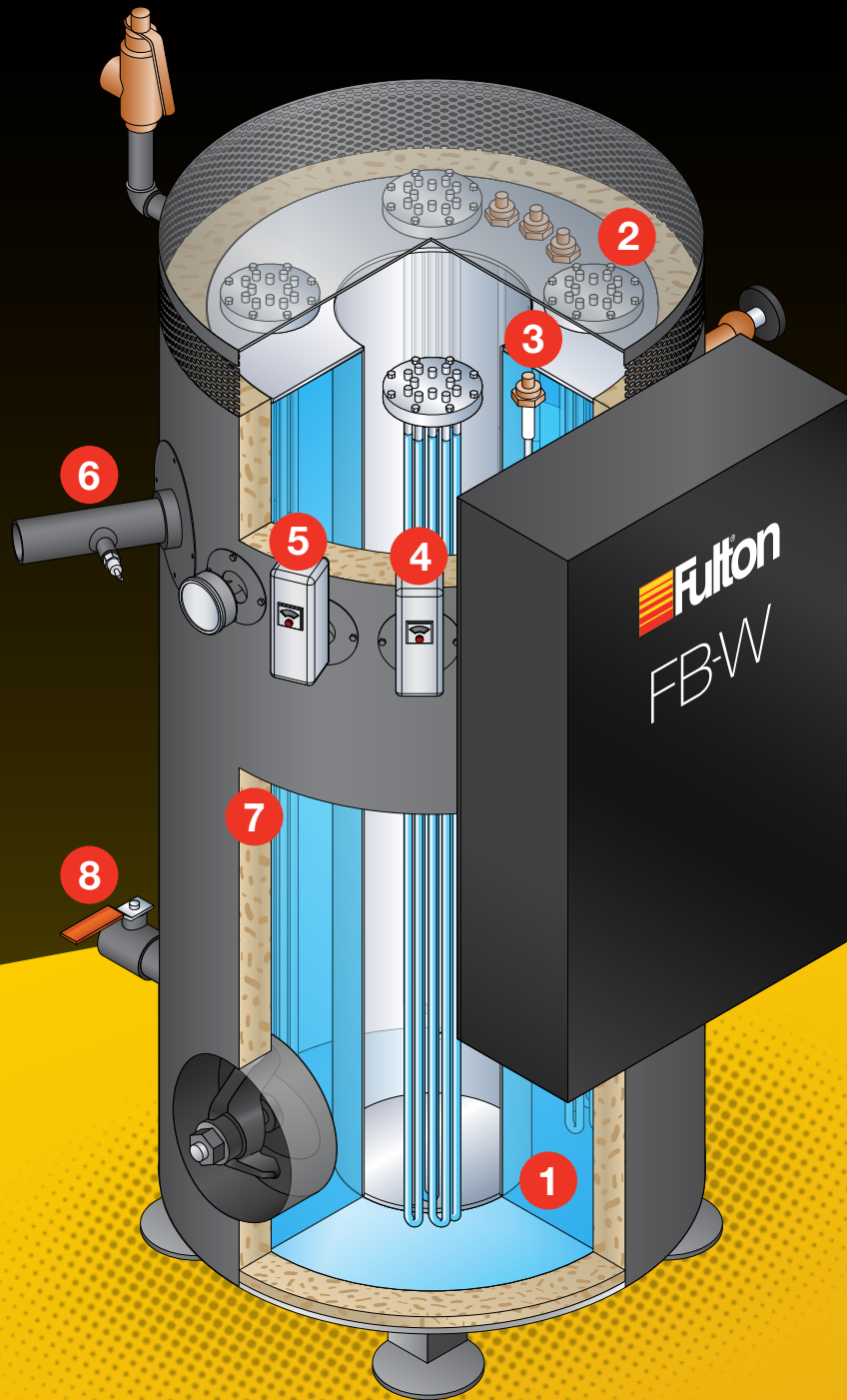
Our electric boilers feature fully-insulated pressure vessels for minimal radiation losses, and our signature rugged design. The FB-W is a clean-running, combustion-free boiler for your hot water needs.



EFFICIENT, QUIET, SAFE OPERATION

Fulton manufactures a complete line of electric hot water boilers from 12 kW to 1,000 kW (1.2 to 100 BTU/Hr) and pressure ratings up to 160 PSI, perfect for heating and process applications.

Fulton's vertical design is a fully packaged hot water boiler built to ASME specifications and applicable standards and codes. The very efficient heating elements are totally immersed in water and the pressure vessel is fully insulated which keeps radiation losses at a minimum. Electric boilers are environmentally friendly and emit no NOx (nitrogen oxides) into the atmosphere.



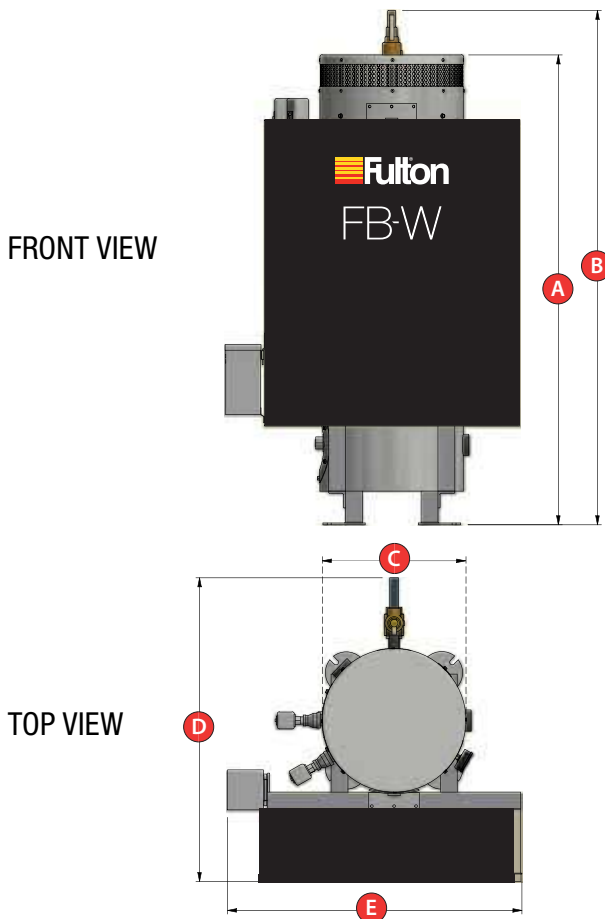
BETTER BY DESIGN

A LOOK INSIDE:

- 1 Pressure Vessel Is Built To ASME Code
- 2 Electric Heating Elements
- 3 Low Water Cut Off Probe
- 4 High Limit Temperature Control
- 5 Operating Temperature Control
- 6 Hot Water Supply Connection
- 7 High Temp Insulation Surrounds the Vessel
- 8 Hot Water Return Connection

SPECIFICATIONS AT A GLANCE

MODEL: FB-W (Hot Water)		12	15	18	24	30	36	70	105	140	175	210	280	350	420	490	560	630	700	1000	
SPECIFICATIONS																					
Unit Size	kW	12	15	18	24	30	36	70	105	140	175	210	280	350	420	490	560	630	700	1000	
	HP	1.2	1.5	1.8	2.4	3	3.6	7	10.5	14	17.5	21	28	35	42	49	56	63	70	100	
	kBTU/hr	41	51	61	82	102	123	239	358	478	597	717	955	1194	1433	1672	1911	2150	2388	3412	
DIMENSIONS																					
Number of Elements		(1) 12 kW	(1) 15 kW	(1) 18 kW	(2) 12 kW	(2) 15 kW	(2) 18 kW	(2) 35kW	(3) 35kW	(4) 35kW	(5) 35kW	(6) 35kW	(4) 70kW	(5) 70kW	(6) 70kW	(7) 70kW	(8) 70kW	(9) 70kW	(10) 70kW	(14) 72kW	
(A) Height of Boiler Only	IN	22 5/8	22 5/8	22 5/8	22 5/8	22 5/8	22 5/8	55 3/4	54 3/8	54 3/8	54	54	53 5/16	53 5/16	55 1/8	56 1/8	56 1/16	60	57	79	
	MM	575	575	575	575	575	575	1416	1397	1397	1372	1372	1354	1354	1422	1448	1448	1524	1448	2007	
(B) Height w/ Piping	IN	35	35	35	35	35	35	61 1/16	60	59 1/2	59 1/2	59 1/2	58 5/16	58 5/16	65 1/16	64 1/4	65	61	88	93 3/16	
	MM	889	889	889	889	889	889	1551	1524	1511	1511	1511	1481	1481	1653	1632	1651	1550	2235	2367	
(C) Boiler Diameter	IN	20	20	20	20	20	20	17	24 1/8	24 1/8	28 1/8	28 1/8	36 1/4	36 1/4	40 1/8	44 1/8	44 1/4	50 1/4	51	63 1/4	
	MM	508	508	508	508	508	508	432	613	613	715	715	921	920	1019	1121	1124	1277	1296	1607	
(D) Overall Depth	IN	37 1/16	37 1/16	37 1/16	37 1/16	37 1/16	37 1/16	36 1/16	42 15/16	42 15/16	48 1/8	48 1/8	63 1/16	63 1/16	72	78 3/4	72	76	84	92	
	MM	942	942	942	942	942	942	916	1091	1091	1223	1223	1602	1602	1829	2000	1829	1931	2134	2337	
(E) Boiler Width Overall	IN	26 1/16	26 1/16	26 1/16	26 1/8	26 1/8	26 1/8	34 3/4	34 3/4	35 1/16	35 3/16	35 3/16	51 1/4	48	52	60	52	60	84	72	
	MM	662	662	662	664	664	664	883	883	891	894	894	1302	1219	1321	1524	1321	1524	2134	1829	
ELECTRICAL POWER																					
240V / 3 Phase	Amps	32	40	47	61	76	90	172	256	340	425	509	677	845	1014	1182	1351	1519	1687	2409	
480V / 3 Phase	Amps	16	20	24	31	38	45	86	128	170	212	255	339	423	507	591	676	760	844	1205	
575V / 3 Phase	Amps	15	17	20	26	32	38	72	107	142	177	213	283	353	423	494	564	634	705	1006	



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.

OPTIMIZE YOUR BOILER SYSTEM

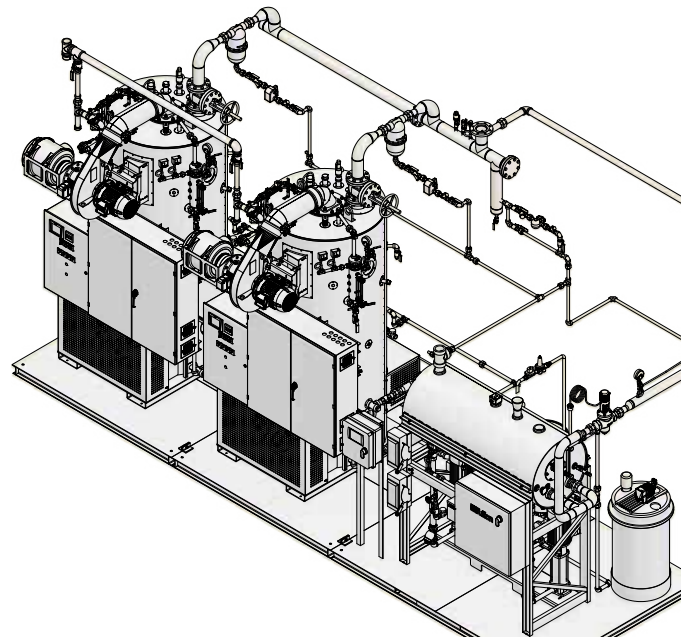
Fulton has been a family owned manufacturer of heat transfer equipment since 1949. Our FB-W boilers are available through a worldwide network of authorized representatives available to assist you in the selection of Fulton equipment to best meet your application needs.



ENGINEERED SOLUTIONS

Fulton can design and build a system tailored to your specific needs. Be a part of the process, from concept to delivery, ensuring timely and accurate completion of your engineered system.

- ▶ **Industry Leader in Systems Engineering**
- ▶ **Single-Source Turnkey Systems**
- ▶ **Wide Range of Ancillary Equipment**



Process
Manufacturing



Education



Food & Beverage
Processing



Healthcare



Pharmaceutical
Processing and
Biotech



Agriculture

Contact Us



Maximising Energy Efficiencies for a Sustainable Future

admin@egl.com.au

www.environmental.com.au

03 9541 8699

Office Locations



Melbourne

Tomlinson Energy Services
Suite 2.01 | Level 2
315 Ferntree Gully Road
Mount Waverley VIC 3149

P: 03 8560 0416

E: energyservice.melbourne@tomlinsonenergy.com.au

Sydney

Tomlinson Energy Services
A2, 26 Power Road
Seven Hills NSW 2417

P: 02 9681 4177

E: energyservice.sydney@tomlinsonenergy.com.au

Brisbane

Tomlinson Energy Services
1/48 Commerce Circuit
Yatala QLD 4207

P: 07 3462 0159

E: energyservice.brisbane@tomlinsonenergy.com.au

South Australia

Tomlinson Energy Services
26 Phillips Street
Thebarton SA 5031

P: 08 8297 9688

E: energyservice.adelaide@tomlinsonenergy.com.au

Western Australia

Tomlinson Energy Services
40 Sorbonne Crescent
Canning Vale WA 6155

P: 08 9455 5511

E: energyservice.perth@tomlinsonenergy.com.au



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