



**Product Data Submittal**

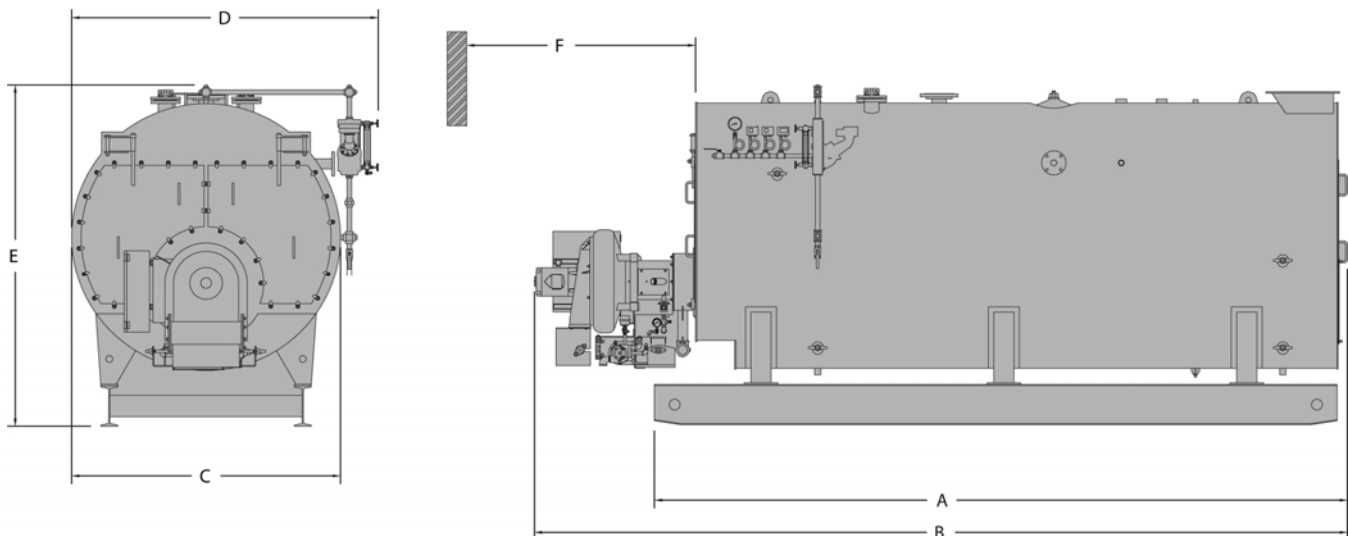
Fulton Models: FB-S 60, 100, 125, 150,  
200, 250, 300, 400

**Fulton FB-S Horizontal  
3-Pass Waterback Design  
Fuel-Fired Steam Boilers**

**Dimensions**

<b>Models</b>	FB-S	60	100	125	150	200	250	300	400
	BHP	60	100	125	150	200	250	300	400
A. Boiler Length (w/o burner)									
	IN	158	164	178	178	189	203	262	278
	MM	4,014	4,166	4,522	4,522	4,801	5,157	6,655	7,062
B. Boiler Length (w/ burner)									
<i>Note<sup>1</sup></i>	IN	179	195	210	210	223	238	295	315
	MM	4,547	4,953	5,334	5,334	5,665	6,046	7,493	8,001
C. Boiler Shell Diameter									
	IN	68.5	72.5	72.5	72.5	72.5	78.5	78.5	85
	MM	1,740	1,842	1,842	1,842	1,842	1,994	1,994	2,159
D. Boiler Width (w/trim)									
	IN	87	92	92	92	92	97	99	103
	MM	2,210	2,337	2,337	2,337	2,337	2,464	2,515	2,617
E. Boiler Height (w/ trim)									
	IN	84	90	90	90	90	99	100	100
	MM	2,134	2,286	2,286	2,286	2,286	2,515	2,540	2,540
F. Tube Pull Clearance									
	IN	129	137	151	151	163	176	223	236
	MM	3,277	3,480	3,836	3,836	4,141	4,471	5,665	5,995
<b>Approximate Weights</b>									
Shipping Weight									
	LB	9,500	11,400	14,300	14,500	20,300	25,600	28,800	37,100
	KG	4,310	5,171	6,486	6,578	9,208	11,612	13,064	16,829
Operating Weight									
	LB	15,000	17,900	22,100	22,300	31,100	38,800	44,300	67,100
	KG	6,804	8,120	10,025	10,116	14,107	17,600	20,095	30,437
Water Content									
	GAL	661	779	924	924	1,294	1,585	1,849	3,594
	LITERS	1,740	2,950	3,500	3,500	4,900	6,000	6,998	13,605

Specifications and Dimensions are approximate. We reserve the right to change specifications and/or dimensions without notice.  
*Note<sup>1</sup>*: Dimension will vary depending on burner used. Refer to specific submittal drawings for more exact measurement.



## Specifications

<b>Models</b>		FB-S	60	100	125	150	200	250	300	400
BHP			60	100	125	150	200	250	300	400
Max Trim Pressure*		PSIG	150	150	150	150	150	150	150	150
		BAR	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Steam Output*		LBS/HR	2,070	3,450	4,313	5,175	6,900	8,625	10,350	13,800
		KG/HR	938	1,564	1,956	2,347	3,129	3,912	4,694	6,259
<b>Approximate Fuel Usage</b>										
Light Oil**		GPH	17	29	36	43	58	73	88	117
		LPH	65	110	138	165	221	278	332	453
Natural Gas**		FT <sup>3</sup> /HR	2,494	4,156	5,196	6,235	8,313	10,392	12,470	16,626
		M <sup>3</sup> /HR	71	118	147	177	236	295	353	471
<b>Connections</b>										
Safety Relief Valve Outlet (150 PSIG Trim)		IN	1@1.25	1@1.5	2@1.25	2@1.5	2@1.5	2@2	2@2	2@2.5
		MM	1@32	1@38	2@32	2@38	2@38	2@51	2@51	2@64
Steam Outlet (150lb flange) (150 psig design)		IN	2.5	2.5	3	3	4	4	4	6
		MM	64	64	76	76	102	102	102	127
Feedwater Inlet		IN	1	1.25	1.25	1.25	1.25	1.5	1.5	1.5
		MM	26	32	32	32	32	38	38	38
Bottom Blowdown		IN	2x1.5	2x1.5	2x1.5	2x1.5	2x1.5	2x1.5	2x1.5	2x1.5
		MM	38	38	38	38	38	38	38	2x38
Water Column Drain		IN	1	1	1	1	1	1	1	1
		MM	26	26	26	26	26	26	26	26
Stack Diameter		IN	14	14	16	16	18	20	20	22
		MM	356	356	406	406	457	508	508	559
<b>Power</b>										
Burner Motor (Oil) ***		HP	1	3	3	5	5	7.5	15	20
		KW	0.746	2.24	2.24	3.73	3.73	5.6	11.19	14.92
Burner Motor (Gas) ***		HP	¾	3	3	5	5	7.5	15	20
		KW	0.56	2.24	2.24	3.73	3.73	5.6	11.19	14.92
Burner Motor (Gas & Oil) ***		HP	1	3	3	5	5	7.5	15	20
		KW	0.746	2.24	2.24	3.73	3.73	5.6	11.19	14.92

\* Please consult factory for alternate trim & design pressures. Rated output based on 0 PSIG operating pressure and 212°F feedwater supply.

\*\* Please consult factory for additional fuel options. Consumption based on Light Oil 140,000 BTU/GAL; Natural Gas 1000 BTU/FT.<sup>3</sup>

\*\*\* Motor size is dependent on specific burner selected. Please consult factory for job specific parameters.

Specifications and Dimensions are approximate. Consult factory for model specific electrical requirements. We reserve the right to change specifications and/or dimensions without notice.



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