1992 Fulton Fuel-Fired Steam Boiler- 6 HP	
Mfg: Fulton	**Model: FB-006-A**
Stock No: SNBB385.3a	**Serial No: 66123**

1992 Fulton Fuel-Fired Steam Boiler- 6 HP. Model: FB-006-A. Boiler No. and Nat'l Bd: 66123. Output: 201,000 Btu/hr. Max firing rate not to exceed 290,000 Btu/hr. Steam capacity: 207 lb/hr. MAWP: 15 psi. Shell thickness: 3/8 in. Head thickness: 1/2 in. Inlets: (1) 3/4 in. dia. water feed, (1) 6 in. dia. port, (1) 1 in. dia. port. Outlets: (1) 1 in. dia. blow off valve port, (1) 3/4 in. dia. port (relief valve). Overall dimensions: 4 ft. L x 3 ft. W x 6 ft. 3 in. H.


Fulton


MANUAL
RESET


OPERATING


Fulton Fuel-Fired
Steam Boiler
Fulton
Installation


Fulton
CAT.NO.
SPEC.
FRAME
SER.
H.P.
VOLTS
AMPS
R.P.M.
HZ
PH.
CLASS
DES.
CODE
SER. F.
P.F.
THERMALLY PROTECTED

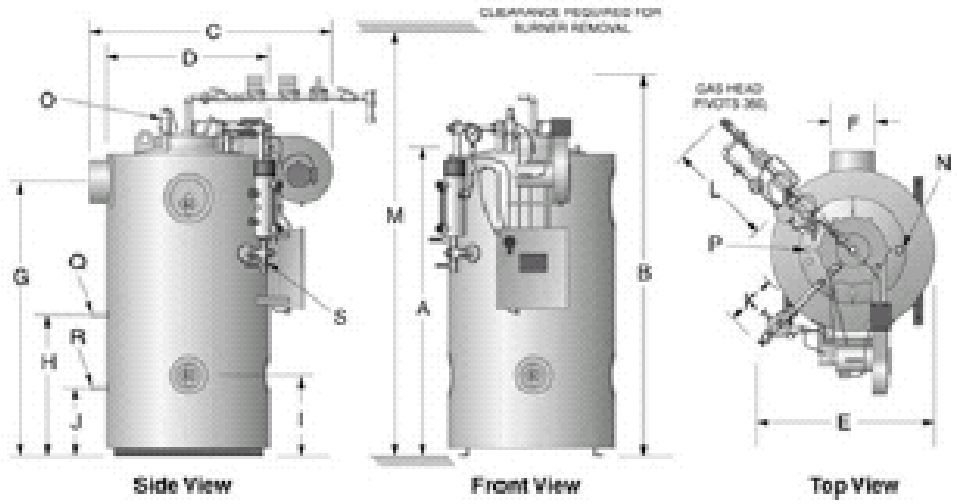
Fulton Vertical Tubeless Boilers

For over 50 years, Fulton boilers, with the original vertical tubeless downfired design, have remained a compact trouble-free boiler supplying steam and hot water to virtually every type of industry imaginable. Built and stamped to the ASME Code, Fulton 4-60 BHP vertical tubeless steam boilers are CSA Approved, UL Approved as packaged boilers, and are manufactured to CSD-1 Code, with state of the art microprocessor burner controls.
Fulton vertical tubeless boilers offer efficiences up to 80%. For maximum efficiency, select the Fulton Edge or VMP boilers, available in various sizes from 4-130 BHP.
Fulton vertical tubeless boilers can be ordered with combination oil and gas capabilities or can be converted at any time simply and economically. All Fulton boilers are completely trimmed, packaged boilers. No additional fuel train items or electrical wiring is needed.

Specifications

Standard Models Unit Size: BHP		4	6	10	15	20	30	50	60
Output	1000 BTU/HR	134	201	335	502	670	1004	1674	2009
	1000 KCAL/HR	34	51	84	127	169	253	422	506
Steam Output	LB/HR	138	207	345	518	690	1035	1725	2070
	KG/HR	63	94	157	235	313	470	783	939
Approximate Fuel Consumption at Rated Capacity									
Light Oil	GPH	1.2	1.8	3	4.5	6	9	15	18
	LPH	4.5	6.8	11.4	17	22.7	34	57	68
Propane Gas	Ft^3/HR	70	105	170	250	330	500	830	1000
	M^3/HR	2	3	4.8	7.1	9.3	13.6	23.5	28.3
Natural Gas	Ft^3/HR	175	260	420	630	840	1260	2100	2520
	M^3/HR	5	7.4	11.9	17.8	23.8	35.7	59.5	71
Natural Gas Boiler Connection Size	IN	1	1	1	1	1.25	1.5	1.5	2
	MM	25	25	25	25	32	38	38	51
Burner Motor HP	3450 RPM/60 CY	1/3	1/3	1/3	1/3	1/3 gas	3/4	1.5 gas	1.5 gas
	2850 RPM/50 CY	1/3	1/3	1/3	1/3	3/4 oil	3/4	2 oil	2 oil
Electric Power Requirements (In Amps)									
120V, 60 CY, 1 Phase		5.2	5.2	5.2	5.2	5.2 9.2 oil	9.2	--	–
240V, 50/60 CY, 1 Phase		2.6	2.6	2.6	2.6	2.6 gas 4.6 oil	4.6	8.9 gas 9.5 oil	8.9 gas 9.5 oil
208V, 50/60 CY, 3 Phase		1.9	1.9	1.9	1.9	1.9 gas 3.1 oil	3.1	4.4 gas 5.7 oil	4.4 gas 5.7 oil
240V, 50/60 CY, 3 Phase		1.6	1.6	1.6	1.6	1.6 gas 2.8 oil	2.8	4.2 gas 5.4 oil	4.2 gas 5.4 oil
480V, 50/60 CY, 3 Phase		0.8	0.8	0.8	0.8	0.8 gas 1.4 oil	1.4	2.1 gas 2.7 oil	2.1 gas 2.7 oil
Water Content	U.S. GAL	14	16	24	39	77	170	245	270
	LITERS	53	61	91	148	292	644	927	1022

Dimensions



Side View | Front View | Top View

Standard Models		4	6	10	15	20	30	50	60
A. Boiler Height	IN	47.5	57.5	63.5	69.5	72.5	82.5	87.5	93.5
	MM	1207	1461	1613	1765	1842	2096	2223	2375
B. Boiler Height With Trim & Fuel Train	IN	65	75	80.5	86.5	92.5	102	106.5	120
	MM	1651	1906	2045	2197	2350	2591	2705	3048
C. Overall Depth Stack to Burner Fan Housing	IN	44	44	46	47	60	67	78	78
	MM	1118	1118	1168	1194	1524	1702	1981	1981
D. Boiler Diameter	IN	26	26	28	30	39	46	55	55
	MM	660	660	710	760	990	1170	1400	1400
E. Overall Width with Water Column	IN	31	31	33	35	45.5	50.5	58	58
	MM	787	787	838	889	1080	1283	1473	1473
F. Flue Outlet Diameter	IN	6	6	6	8	10	12	12	12
	MM	152	152	152	203	254	305	305	305
G. To Center of Flue Outlet	IN	42	52	58	63	66	73.5	79	85
	MM	1070	1320	1473	1600	1675	1867	2007	2159
H. Feedwater Inlet	IN	27	33	33	33.5	34	34	35	35
	MM	685	840	840	851	865	865	890	890
I. Handholes	IN	19	19	19	19	19	19	20	20
	MM	485	485	485	485	485	485	510	510
J. Blowdown Outlet	IN	15	15	15.5	15.5	16.5	16.5	17.5	17.5
	MM	380	380	394	394	420	420	445	445
K. Water Column Extension	IN	14	14	14	14	14	14	14	14
	MM	355	355	355	355	355	355	355	355
L. Gas Train Extension (CSD-1)	IN	22.5	22.5	21.5	20.5	25	27	22.5	34
	MM	572	572	546	521	635	686	572	867
Minimum Clearances									
M. Clearance Required for Burner Removal	IN	72	82	86	92	96	106	114	124
	MM	1828	2083	2184	2337	2438	2692	2896	3150
Boiler Connections									
N. Steam Outlet 15 PSI	IN	1.5	1.5	2	2.5	2.5	3	4	4
	MM	38	38	51	64	64	76	102	102
	IN	0.75	0.75	1	1.25	1.5	2	3	3

N. Steam Outlet 150 PSI	MM	19	19	25	32	38	51	76	76
O. Safety Valve Outlet 15 PSI	IN	0.75	0.75	0.75	1.5	1.5	1.5	1.5	1.5
	MM	19	19	19	38	38	38	38	38
O. Safety Valve Outlet 150 PSI	IN	1	1	1	1	1.25	1.25	1.5	1.5
	MM	25	25	25	25	32	32	38	38
P. Safety Valve Inlet 15 PSI	IN	0.75	0.75	0.75	1.25	1.25	1.25	1.25	1.25
	MM	19	19	19	32	32	32	32	32
P. Safety Valve Inlet 150 PSI	IN	0.75	0.75	0.75	0.75	1	1	1.25	1.25
	MM	19	19	19	19	25	25	32	32
Q. Feedwater Inlet	IN	0.75	0.75	1	1	1	1	1	1
	MM	19	19	25	25	25	25	25	25
R. Blowdown Outlet	IN	1	1	1	1	1.25	1.25	1.5	1.5
	MM	25	25	25	25	32	32	38	38
S. Water Column Blowdown	IN	1	1	1	1	1	1	1	1
	MM	25	25	25	25	25	25	25	25
		Weights							
Approx. Shipping Weight	LB	1400	1700	2000	2280	3400	4780	6526	7280
	KG	635	773	910	1036	1545	2173	2966	3309