Fulton®

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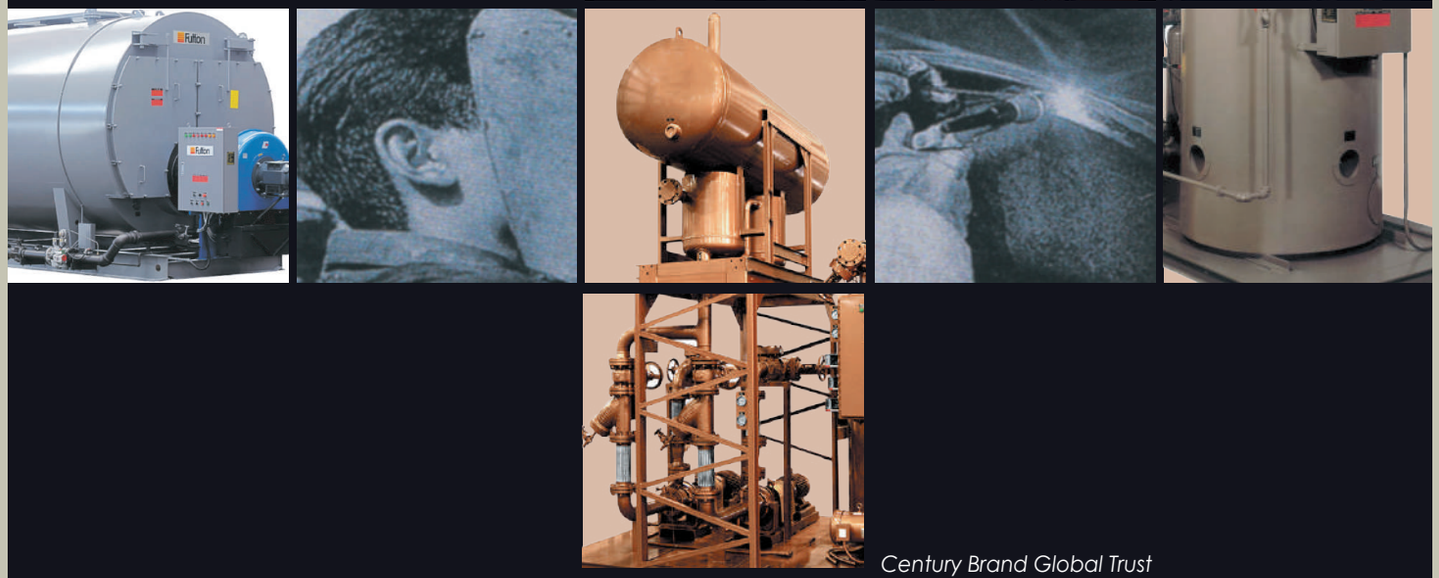


Century Brand Global Trust

World-Class Fire Tube Boiler

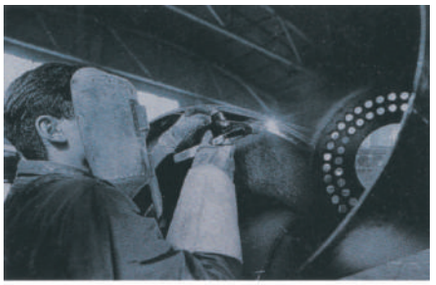
Fulton is a global manufacturer of quality heat transfer products, including steam boilers, hot water boilers, thermal fluid heaters, and biomass boilers. Fulton has manufacturing facilities in England, China, and the United States, with distribution in most countries worldwide.

Fulton China LLC is part of the Fulton Companies and plays a very important role in Fulton's globalization strategy. It was set up in 1995 starting with one joint venture. Currently, Fulton China LLC has wholly owned companies in Hangzhou. Ningbo and Shanghai, China. Fulton China's extensive quality control system includes ASME boiler and pressure vessel U. V, S stamps, along with the European PED as well as Chinese A Class Manufacturing Permit. Manufacturing capabilities have expanded to manufacture boilers up to 6000HP and customized pressure vessels to meet ASME, PED and Chinese Code requirements. Since the company's firm commitment to quality, Fulton China's products have been well accepted globally.

The design feature for the standard model form FBA-015 to FBA-060 is a vertical tubeless boiler. With no tubes or coils to scale up. rust or burn out. this design reduces plant operating costs by eliminating downtime and expensive repairs. The boiler futures top mounted. down fired power burner. For over 50 years, this standard model has a reputation for years of frouble free operation. It is the No. 1 choice for the process industry.

The standard model from FBA-080 to FBA-150 is a vertical multi-port wet back design boiler. It speeds up boiler start up time and creates overall even heating throughout. The other design feature is the “ribboned” turbulators that extend the full length inside each flue pipe. The top mounted down fired burner is an air pre-heat design enhances the boiler efficiency.

Stainless steal jacket is available for option for both FBA series.



FB-A Steam Boiler

Model	FB-A	4	6	10	15	20	30	40	50	60	80	100	130	150
Steam output	kg/h	63	94	157	235	312	470	627	783	939	1252	1565	2034	2348
Approximate fuel consumption-applicable under altitude 610m														
Light diesel oil	kg/h	3.47	5.17	8.64	12.93	17.16	25.85	34.49	43.1	51.65	68.9	86.08	111.87	129.14
Efficiency Light Oil	%	94.0	95.3	95.0	94.8	95.0	95.1	95.2	94.8	94.8	94.9	95.1	95.2	95.0
Natural Gas	m^3/h	4.10	6.0	10.0	15.0	20.0	29.90	39.9	50.10	59.70	80.10	99.50	130.20	149.30
Efficiency Gas Firing	%	93.9	95.2	94.9	94.6	94.4	95.1	95.2	94.6	95.2	94.6	95.2	94.6	95.2

Dimensions and Weights FB-A approximately

Heights and widths														
A Boiler Height	IN	47	57	63	69	73	82	73	87	93	103	103	114	114
	MM	1194	1448	1600	1753	1842	2083	1854	2210	2362	2609	2609	2893	2893
B Boiler Height With Trim & Fuel Train Assembly	IN	65	75	80.5	86.5	92	102	94	106	120	116	116	132	132
	MM	1651	1905	2045	2197	2336	2591	2388	2705	3045	2940	2940	3348	3348
C Overall Depth Stack To Burner Fan Housing	IN	44	44	46	47	60	68	78	78	78	114	100	128	128
	MM	1118	1118	1168	1194	1524	1720	1969	1969	1969	2898	2543	3253	3253
D Boiler Diameter	IN	26	26	28	30	39	46	55	55	55	63	69	76	76
	MM	660	660	710	762	991	1168	1397	1397	1397	1588	1740	1943	1943
E Overall Width With Water Column	IN	33	33	33.5	35.5	43	49	57	57	57	67	75	83	84
	MM	838	838	851	902	1091	1244	1448	1448	1448	1702	1905	2108	2146
F Flue Outlet Diameter	IN	6	6	6	8	10	12	12	12	12	14	14	16	16
	MM	152	152	152	203	254	305	305	305	305	350	350	400	400
G To Center of Flue Outlet	IN	42	58	58	63	66	73	62	77	83	95	95	104	104
	MM	1070	1320	1473	1600	1676	1854	1574	1962	2114	2423	2415	2641	2641

Fulton FB-A Fuel Fired Steam Boiler

FB-A FULTON BOILER

Note: Fuel consumption based on: light oil 11200 kcal/kg, Natural gas 8900kcal/m^3,Propane gas 22500kcal/m^3, Town gas 3500kcal/m^3.Specifications are approximate.
We reserve the right to change specifications, please refer to Fulton's most current drawings. (Efficiency Calculated Inclusive Economizer)

Fulton
RB Fuel Fired Steam Boiler

The philosophy of the RB boiler is to manufacture the "best" horizonal reverse flame, three pass, wet-back steam & hot water boiler in the boiler industry. The two designers with over seventy years of combined experience in designing and manufacturing set out to incorporate proven engineering principle with modern design and construction methods.

Design Features:

• Designed and constructed to BS2790 or ASME code, with standard maximum operating pressure of 1.0MPs other pressure upon to customer's request.
• Equipped with Nu-way (Special for RB series with Fulton brand) oil, gas or dual fuel automatic high/low burner, modulating burner is optional according to customer requirement.
• Large fumace volume, large fumace surface area, better combustion and higher efficiency.
• Large number of the tubes and large tube total cross. sectional area.
• Large water content, low sensitivity to load charge.
• Compact design, smaller than boiler of equal capacity.
•100% Non-Destructive Test on all major pressure vessel welds.
• Deviated front door, easy access and inspection of welds.
• 3 year warranty on pressure vessel backed by fulton world wide service and spare system.

RB Steam Boiler

Model	RB	600	750	1000	1250	1500	1850	2100	2500	3000
Steam Output	kg/hr	1000	1200	1500	2000	2500	3000	3500	4000	5000
Approximate fuel consumption-applicable under altitude 610m										
Light diesel oil	kg/hr	55.0	66.0	82.5	110.0	137.5	165.0	192.5	220.0	275.0
Efficiency Light oil Firing	%	94.0	95.0	95.0	94.8	95.0	95.1	95.1	94.8	95.0
Heavy diesel oil	kg/hr	57.0	68.4	85.5	114.0	142.5	171.0	199.5	228.0	285.0
Efficiency Heavy oil Firing	%	93.5	94.0	94.0	93.6	93.8	94.0	94.0	93.5	94.5
Natural Gas	m^3/hr	63.8	76.7	95.7	128.0	160.0	192.6	224.0	256.0	319.0
Efficiency Gas Firing	%	94.9	94.8	94.9	94.6	94.6	94.3	94.6	94.6	94.9
Boiler length	mm	2445	2545	3045	3435	3435	3745	3745	3795	3895
Boiler width	mm	1960	1960	1960	2150	2150	2280	2280	2450	2450
Boiler height	mm	2100	2100	2100	2250	2250	2400	2400	2616	2616

Note: Consumption based on Natural gas 8900kcal/m^3; Town gas 3600kcal/m^3; Light diesel oil 11200 kcal/kg; Heavy diesel oil 10960 kcal/kg.
Specifications and Dimensions are approximate. The Fulton Companies reserve the right to change, please refer to company's most current drawings. (Efficiency Calculated Inclusive Economizer)

Fulton RB Fuel Fired Steam Boiler

RB FULTON BOILER

Fulton
FB-C Fuel Fired Steam Boiler

FB-C boiler is designed and manufactured to comply with ASME code and Chinese boiler Standard, with standard maximum working pressure of 1.0 MPs (150 PSI) or 1.25 MPa (185PSI). The standard model is three pass, wet back, and corrugated furnace. The factory also supplies 4-pass. wet back corrugated furnace boiler or higer pressure boiler upon customer's request.

FB-C boiler is equipped with high efficient industrial Combustion burner. This quality forced draft burner has a reputation for long life. trouble free performance and high efficient operation. Full modulation provides optimum performance to meet varying load demand. Multi-fuel versatility is available by just the trip of a switch to select between gas or oil n combination burners. For oil fuel, the burner utilizes low pressure air atomizing design for proper oil atomization, maximum combustion efficiency and low maintenance. For gas fuel multi-port burner design for high gas velocities', and complete fuel/air mixing provide combustion efficiency. Microprocessor based burner control provides high level of safety, reliability, functional capability and features beyond those of conventional controls to perform automatic burner sequencing, system status function, system or self diagnostics and trouble shooting.

Fulton FB-C Fuel Fired Steam Boiler

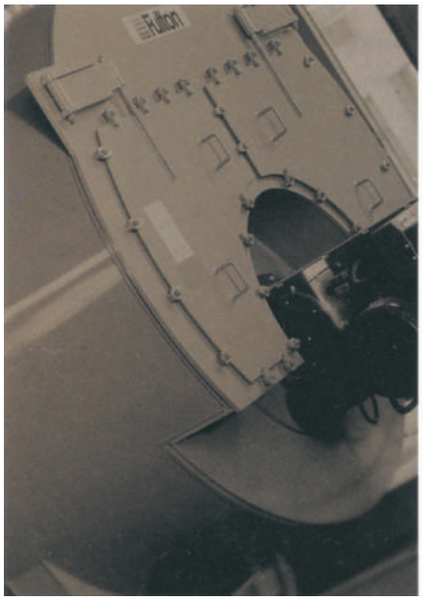
FB-C FULTON BOILER

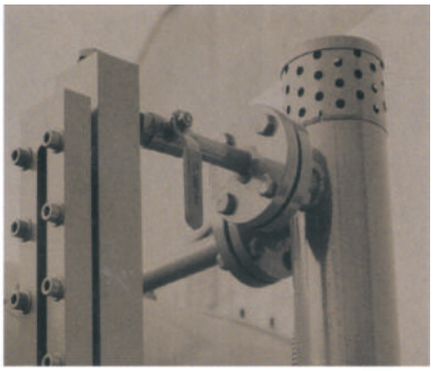
FB-C Steam Boiler

Model	FBC	FBC-300		FBC-350		FBC-400		FBC-500		FBC-650		FBC-800		FBC-1000		FBC-1300		FBC-1650	
Rated Steam Output	t/h	4.7		5.5		6		7.8		10		12		15		20		25	
Maximum fuel consumption-applicable under altitude 610m(2000 ft)														3P					
		3P	4P	3P	4P	3P	4P	3P	4P	3P	4P	3P	4P	834	4P	3P	4P	3P	4P
Light oil	kg/h	258	258	302	302	330	330	429	429	550	550	660	660	825	825	1100	1100	1375	1375
Efficiency Light oil Firing	%	94.0	94.0	95.0	95.0	95.0	95.0	94.8	94.8	95.0	95.0	95.1	95.1	95.1	95.1	94.8	94.8	95.0	95.0
Natural Gas	m^3/h	299.9	299.9	351.5	351.5	384.0	384.0	496.9	496.9	636.0	636.0	769.2	769.2	963.0	963.0	1288	1288	1595	1595
Efficiency Gas Firing	%	94.9	94.9	94.8	94.8	94.6	94.6	95.1	95.1	95.2	95.2	94.5	94.5	94.3	94.3	94.0	94.0	94.9	94.9
Heavy oil	kg/h	263	263	308	308	336	336	437	437	560	560	672	672	840	840	1120	1120	1400	1400
Efficiency Heavy oil Firing	%	93.5	93.5	94.0	94.0	94.0	94.0	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.0	93.5	93.5	94.5	94.5
Boiler length	mm	7405	6681	6550	6500	6530	6530	7262	7680	8352	7682	9140	8200	8655	8655	10460	10605	11000	11000
Boiler width	mm	2401	2390	2830	2880	2850	2930	3037	3080	3068	3161	3058	3200	3520	3500	3620	3640	3770	3820
Steam outlet to floor	mm	2470	2459	3114	3164	3214	3246	3100	3264	3146	3314	3144	3386	3516	3556	3916	3814	4015	4040
Maximum water capacity	m^3	11	11	12.2	12.6	13.57	13.57	17.7	17.7	17.8	18.1	20	20	23	23	29	29	30	32
Weight	t	15	15	16	16	16.8	16.8	23	23	25	28	30	31	40	40	48	48	52	55

Note: Fuel consumption based on light oil 11200 kcal/kg ; Heavy oil 10960 kcal/kg; Natural gas 8900kcal/m^3. Specifications and Dimensions are approximate, The Fulton Compaines reserve the right to change.(Efficiency Calculated Inclusive Economizer)

Fulton
FB-S Fuel Fired Steam Boiler





FB-S boiler is a three-pass wet back corrugated furnace boiler.
Design Features:
• Large furnace heating surface. sufficient heat transfer area, good load charge tolerance and high efficiency.
• Furnace located well below the water lever, large safety margin.
• The large steam vaporization area. high quality steam.
• Equipped with Nuway (Special for FB-S) burner with high./lo firing rate control feature.
• Fully automated boiler control system with the part for customers to connect to the Building Automation System.

FB-S Steam Boiler

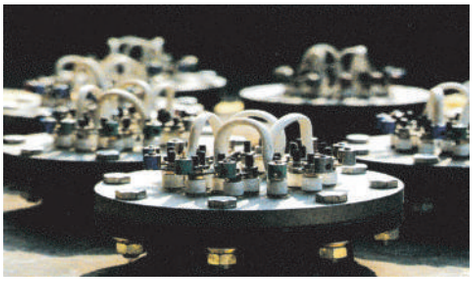
Model FB-S		FBS-60	FBS-100	FBS-125	FBS-150	FBS-200	FBS-250	FBS-300	FBS-400
Nominal steam output1	kg/hr	939	1566	1958	2350	3133	3916	4699	6266
Operating pressure	psi	150	150	150	150	150	150 (185)	150(185)	150(185)
Fuel consumption at rated output-applicable under altitude 610m									
Light diesel oil	kg/h	51.6	86.1	107.7	129.3	172.2	215.4	258.4	344.6
Efficiency Light Oil Firing	%	94.0	95.3	95.0	94.8	95.0	95.1	95.2	94.8
Heavy diesel oil	kg/h	53.1	88.5	110.7	132.8	177.1	221.3	265.5	354.2
Efficiency Heavy oil Firing	%	93.5	94.0	94.0	93.6	93.8	94.0	94.0	93.5
Natural Gas	m^3/h	60.6	99.6	124.9	150.4	200.0	249.4	298.9	401.0
Efficiency Gas Firing	%	93.9	95.2	94.9	94.6	94.9	95.1	95.2	94.6
Dimension									
Boiler length (IC)	mm	4830	5050	5450	5450	5710	6040	7415	7800
	inch	190	199	215	215	225	237	292	307
Boiler length (NUWAY)	mm	4610	4900	5300	5315	5570	5815	7010	7340
	inch	181	193	209	209	219	229	275	289
Boiler width	mm	2040	2140	2162	2162	2140	2350	2350	2440
	inch	80	84	85	85	84	93	93	96
Boiler height	mm	2080	2230	2190	2190	2180	2420	2420	2430
	inch	82	88	86	86	86	95	95	96

Note: 1) All steam output rating from 0 Psi at 212°F. Fuel consumption based on light oil 20,160Btu/Lb (11200 kcal/kg), heavy oil 19,728Btu/Lb (10960kcal/ kg), Natural gas 1,000 Btu / ft3(8900kcal/ m^3).
2) Specifications and dimensions are for your reference only. The Fulton Company reserves the ritht to change specifications and/or dimensions. Please refer to the factory's most current drawings. (Efficiency Calculated Inclusive Economizer)

Fulton FB-S Fuel Fired Steam Boiler

FB-S FULTON BOILER

Fulton
FB-L/FB-W Electric Steam and Hot Water Boiler



Fulton's vertical design is a full packaged 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 loss are minimal. Electrical boilers have no wasted fuel going out the stack as associated with fossil fuels, therefore, electric boilers are environmentally friendly. No Nox are being transmitted to the atmosphere.

Features and advantages

- Nearly 100% efficient
- Quiet clean
- No Nox emissions
- Ideal choice where fossil fuels are not available or where electricity rates are favorable.
- Built to ASME Code
- Vertical design requires minimal floor space.
- Completely wired control panel box located in front of the boiler.
- Safe. Solid state relays. All wiring meets NEC specifications.
- Second (auxiliary) low water water cut-off probe is standard.

Fulton FB-L Electric Steam Boiler

FB-L FULTON BOILER

FB-L Electric Steam Boiler

Model	FB-L	012	015	018	024	030	036	050	075	100	150	200	300	500	750	1000	1250	1500	1750	2000
Boiler output	KW	12	15	18	24	30	36	50	75	100	150	200	300	500	750	1000	1250	1500	1750	2000
Output	1000KCal/h	10	13	15	21	26	31	43	64	86	129	172	258	430	645	860	1075	1290	1505	1720
Steam output	kg/h	18	23	27	37	46	55	77	115	153	230	306	460	765	1148	1530	1913	2295	2678	3060
Boiler height	mm	762	762	762	762	762	762	1651	1651	1651	1651	1803	2032	2032	2032	2032	2388	2388	2388	2388
Boiler width	mm	762	762	762	762	762	762	899	899	899	991	1168	1168	1442	1575	2108	2108	2600	2600	2600
Boiler length	mm	838	838	838	838	838	838	889	1067	1067	1168	1321	1422	1625	1829	2311	2311	2515	2515	2512

Dimensions are approximate, We reserve the right to change. Please refer to factory's most current drawings. (Efficiency Calculated Inclusive Economizer)

Fulton
FB-H Hot Water Boiler

Design Features:

- Normal or low operating pressure operation
- 250,000KCAL/HR to 3,000,000KCAL/HR(0.3MW-3.6MW) totally 15 models.
- Equipped with Nu-way (special for FB-H) oil, gas or dual fuel automatic high/low burner, modulating burner is optional according to customer requirement.
- Full automatic burner control.
- Packaged boiler with all operating and safety controls
- Compact design requires minimal floor space.

Fulton's FB-H hydraulic boiler is a compact boiler with normal operating pressure. It adopts the E type combustion method that is popular in Western Europe. It has unique large furnace. small water space and wet back design. It is a packaged boiler with all operating and safety controls.

Fulton FB-H Fuel Fired Hot Water Boiler

FB-H FULTON BOILER

FB-H Boiler

Model	FB-H	0.30	0.35	0.42	0.47	0.60	0.76	0.95	1.16	1.45	1.75	2.10	2.44	2.95	3.50
Nominal output	Mw	0.30	0.35	0.42	0.47	0.60	0.76	0.95	1.16	1.45	1.75	2.10	2.44	2.95	3.50
	1000kacl/h	250	300	350	400	500	650	800	1000	1250	1500	1800	2100	2500	3000
Approximate fuel consumption-applicable under altitude 610m															
Light diesel oil	kg/h	24.2	29.1	34	38.8	48.5	63.1	77.6	97	121.3	145.6	174.7	203.8	242.6	291.1
Efficiency Light oil Firing	%	94.9	94.8	95.1	95.0	95.1	95.2	94.8	94.9	95.1	95.1	95.0	94.8	95.1	95.0
Natural gas	m^3/h	28.06	33.6	40.2	44.9	56.2	73.04	89.89	112.3	140.4	168.5	202.2	236.0	280.8	337.0
Efficiency Gas Firing	%	94.0	94.6	94.8	94.3	94.9	94.1	94.5	94.0	94.7	95.0	94.9	94.2	95.0	95.0
Hot water output	t/h	12.5	15	17.5	20	25	32.5	40	50	62.5	75	90	105	125	150
Boiler length	mm	1730	1730	2010	2010	2340	2340	2668	2668	3012	3012	3412	3412	3852	3852
Boiler width	mm	802	802	870	870	962	962	1058	1058	1210	1210	1366	1366	1564	1564
Boiler height	mm	1295	1295	1403	1403	1647	1647	1809	1809	2105	2105	2317	2317	2635	2635

Note: Hot water output designed by inlet water 95°C,reture water 75°C, and 20°Ctemperature difference. Fuel consumption based on light oil 11200 kcal/kg, heavy oil 10960kcal/ kg, Natural gas8900kcal/m^3, Town gas 3600kcal/m^3. (Efficiency Calculated Inclusive Economizer)

Fulton
FT-C Coil Design Thermal Fluid Heater

High efficiency four pass design

The Combustion air enters the burner fan inlet. travels upward between the inner and outer jacket. preheating the air before it enters the top mounted burner. Hot gases travel down the full length of the vessel creating the first (radiant) pass. The gases then travel back across the inner row of coils. creating the second (convection) pass. The third (convection) pass is created as the continue back down between the inner and outer coil. The last pass is upward between the outer coil and inner jacket to the flue outlet, creating the fourth (convection) pass.

Combination Expansion/Deaerator/ Thermal Buffer Tank

- Designed to work as an open system where applicable, eliminating the expense of an inert gas blanket.
- Continue deaeration of steam and other non-condensibles.
- Protects fluid from oxidation
- Ease of instaliation
- Simplification of pipe work.

Fulton FT-C Coil Design Thermal Fluid Heater

FT-C FULTON BOILER

FT-C Thermal Fluid Heater

Model	FT-C	0080	0120	0160	0240	0320	0400	0600	0800	1000	1200	1400
Output	1000kacl/hr	200	300	400	600	800	1000	1500	2000	2500	3000	3500
Thermal Fluid Content	L	38	80	72	116	258	288	500	648	1097	1450	1741
Recommended Flow rate	m3/hr	11.4	17	22.7	34	56.8	56.8	85.2	113	139	167	182
Typical Circulation Pump Motor	kw	5.6	7.5	7.5	11.2	14.9	14.9	22.4	29.8	37.3	37.3	45
Typical Burner Motor	kw	1.1	2.2	2.2	2.2	5.8	5.6	5.6	11.2	14.9	14.9	33.3
Approximate fuel consumption-applicable under altitude 610m												
Light Oil	kg/h	27	40.6	54.1	81	108.8	136	201	263.7	329.6	395.5	461.5
Efficiency Light Oil Firing	%	95.1	95.3	95.0	94.9	95.3	95.5	95.2	95.3	95.8	95.2	95.3
Natural gas	m^3/h	26.03	39.0	51.98	78.10	104.14	130.18	195.31	260.36	325.49	390.63	455.8
Efficiency Gas Firing	%	95.0	95.1	94.9	94.8	95.2	95.3	95.0	95.0	95.4	95.1	95.0
Overall Height	mm	1524	1930	1930	2184	2559	2793	3531	3531	3645	3658	4144
Diameter	mm	635	865	865	1015	1252	1245	1450	1805	2285	2745	2746
Overall Depth	mm	965	1422	1422	1525	2030	1780	2007	2615	3302	3772	3894
Dry Weight	kg	680	953	1150	1550	2400	2400	3750	5200	8750	9850	10455

Voltage 3 Phase for Burner and Pump-Each unit has an incorporated stepdown transformer. Fuel up to No. 6 Oil Available for Large Units. (FT-0600-C and larger) Efficiency up to 80% minimum Based on High Heating Value of the Fuel (No. 2 Oil @14,000BTU/GHHV; Natural Gas @ 1000BTU/ft3 HHV. Modulation 3 to 1 Turn Down Ratio. Optional on FT-0080,0120 and 0160-Standard on all others. Circulating pump motor sizes based on standard pressure (55PSIG and viscosity 1 cs, specific gravity 0.7, with 25-37 PSID available head for installation. We reserve the right to change, please consult factory for the most current drawings. (Efficiency Calculated Inclusive Economizer)

Fulton
"PulsePak" Pulse Combustion Gas Fired Hot Water Boiler

A Pulse Pak boiler operates with a standard efficiency of approximately 84-90%. For optimum performance. Fulton's Pulse Pak can be ordered with modulation which results in efficiencies of up to 98% Fulton Model PHW-1400 is supplied with modulation as standard equipment.
Unlike conventional power burners, pulse boilers are modulation by using a standard butterfly valve in the gas line and a butterfly valve in the exhaust line. The result is a boiler that offers 5:1 turndown for precise load matching capability. Sound deadening features bring the DBA to less than 70 on all PulsePak.

Benefits with pulse

- Standby losses are nearly zero.
- Small footprint allow the installation in multiple buildings or in isolated areas of large plants.
- Fit through standard dour openings.
- The replacement of burners with pulse computation. results in the lowest maintenance requirements in this industry.
- No primary/secondary loop is required to maintain minimum return water temperature
- Pulse combustion produces inherently lower Nox levels than conventional boilers.
- No minimum or maximum flow requirements.

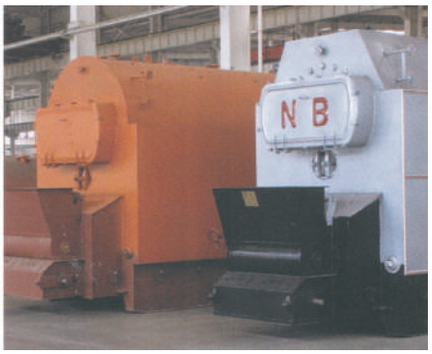
Fulton "PulsePak" Pulse Combustion Gas Fired Hot Water Boiler

PulsePak FULTON BOILER

PHW Pulse Combustion Boiler

Model	PHW	PHW300	PHW500	PHW750	PHW1000	PHW1400	PHW2000
Fuel	Type	Natural gas/Propane gas					
Input	Btu/h	300, 000	500,000	750,000	1,000,000	1,400,000	2,000,000
	kcal/h	75,600	126,000	189,000	252,000	352,644	503,992
Output	Btu/h	270,000	440,000	637,500	840,000	1,204,000	1,680,000
	kcal/h	68,000	110,885	160,698	211,700	303,420	423,353
Gas consumption-under rating power							
Natural gas	cubic inch/h	300	500	750	1000	1400	2000
	m^3/h	8.5	14.2	21.2	29.3	39.6	56.6
Propane gas	cubic inch/h	120	200	300	400	560	N/A
	m^3/h	3.4	5.7	8.5	11.4	15.9	N/A

Note: Fuel consumption based on Natural gas 8900kcl/m^3, Propane gas 22500kcal/m^3. *Output is based on 49°C Input and 60°C Output. **Consult factory. (Efficiency Calculated Inclusive Economizer)



Fulton's coal fired boiler ranges from 1t/hr to 45t/hr. The small sizes are fire-tube boilers. White the large ones are water-tube boilers. The newly designed corner-type boilers have a lot of advantage over the traditional coal-fired boilers. All time coal-fired are manufactured in Fulton's Ningbo factory. This factory has over 50 years of manufacturing coal-fired boiler experience with Chinese A class Manufacturing Permit.

Corner type coal fired steam boiler specification and dimension

Boiler Model	DZL10-1.25 -AII(III)	DZL15-1.25 -AII(III)	DZL15-1.6 -AII(III)	DZL15-2.45/400 -AII(III)	DZL15-2.45 -AII(III)	DZL20-1.6 -AII(III)	DZL20-2.45/400 -AII(III)	DZL20-2.45 -AII(III)	DZL30-1.25 -AII(III)	DZL35-1.6/350 -AII(III)	DZL45-1.25/300 -AII(III)	DZL50-3.0/300 -AII(III)
Type	Semi-packaged/ field assembly	Semi-packaged							Semi-packaged/ field assembly	Semi-packaged		Semi-packaged/ field assembly
Nominal Output t/h	10	15	15	15	15	20	20	20	30	35	45	50
Working pressure MPa	1.25	1.25	1.6	2.45	2.45	1.6	2.45	2.45	1.25	1.6	1.25	3.0
Coal Type Bituminous coal	II, III											
Total weight t	90	105	110	120	125	145	180	160	170			
Boiler dimension after installation												
Length m	9.25	11.2	11.2	11.7	11.2	10.5	11.2	10.5	13	12.1	11	12
Width m	3.34	3.3	3.3	4.8	3.3	5.5	7.4	5.5	11.5	7.1	7.4	12.4
Height m	5.75	7.4	7.4	7.4	7.4	7.7	9.7	7.9	15.6	12.5	12.5	12.52

(Efficiency Calculated Inclusive Economizer)

Fulton
Coal Fired Boiler

DZL FULTON BOILER

Improving Life through Heat Transfer Solutions

The Fulton Companies
972 Centerville Road
Pulaski, NY USA 13142
Phone:(315)298-5121
Fax:(315)298-6390
www.fulton.com

Fulton China LLC
No.9 18th Streets
HETZ Hangzhou China 310018
Phone:(86)571-86725890
Fax:(86)571-86725896
www.fulton.cn

Sales Representative

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