

Fitzgibbons Boiler Co., Inc.

ESTABLISHED 1886

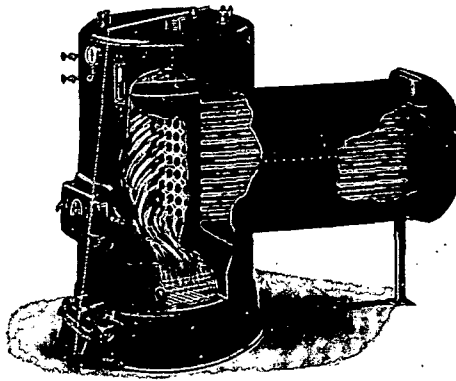
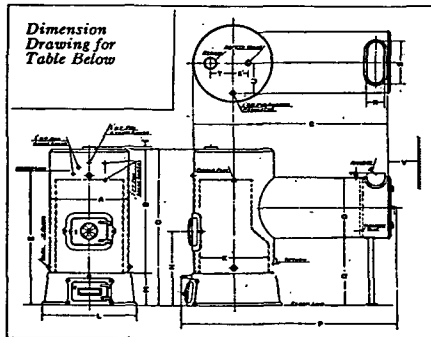
GENERAL OFFICES: 570 Seventh Avenue, NEW YORK CITY

Products: Fitzgibbons-Ontario (small-sized) steel boilers for steam or hot water heating.

Fitzgibbons-Compac (intermediate sized) steel boilers for steam or hot water heating.

Fitzgibbons (large sized) steel boilers for heating. And for power, see page 322.

Reputation and Performance: For forty years Fitzgibbons Boilers have been known and recognized for their economy in coal consumption, quick steaming ability, and high evaporative power. Equally well-known have been their performance records for low cost operation and absence of maintenance cost.



Fitzgibbons-Ontario Steel Heating Boiler for small-sized installations, homes, churches, garages, etc.

Fitzgibbons-Ontario (Small-Sized) Steel Boilers: These boilers embody all the economical and efficient features of the larger sized Fitzgibbons boilers and are made in sizes ranging from 400 sq. ft. to 3200 sq. ft., steam rating or from 700 sq. ft. to 5100 sq. ft. water rating. The smallest size is 4 ft. 7 in. high, 5 ft. long and 2 ft. 2 in. wide, and is particularly suited for use in small residences where space is limited.

They are built entirely of rust-resisting copper-steel, assuring durability and a life-time of service.

FITZGIBBONS-ONTARIO STEEL BOILERS—Ratings and Specifications

Number of Boiler.....	H-8	H-12	H-16	H-20	H-24	H-28	H-32	H-36	H-44	H-50	H-58	H-64
Steam Rating.....	400	600	800	1000	1200	1400	1600	1800	2200	2500	2900	3200
Hot Water Rating.....	700	1000	1300	1600	1900	2200	2600	2900	3500	4000	4600	5100
A-Diam. Vert. Shell.....	26"	29"	29"	29"	33"	33"	36"	36"	40"	40"	43"	43"
B-Height Bare Boiler.....	3'-8 1/2"	4'-1"	4'-1"	4'-1"	4'-1"	4'-1"	4'-4"	4'-4"	4'-8"	4'-8"	5'-0"	5'-0"
C-Height Bare Boiler.....	4'-2"	5'-0"	6'-0"	7'-0"	6'-5"	7'-5"	6'-9"	7'-9"	7'-7"	8'-7"	8'-4"	9'-4"
D-Diam. Hor. Shell.....	18"	21"	21"	21"	23"	23"	27"	27"	31"	31"	33"	33"
E-Door to Water Line.....	3'-9"	4'-4"	4'-4"	4'-4"	4'-4"	4'-4"	4'-7"	4'-7"	4'-11"	4'-11"	5'-2"	5'-2"
F-Diameter Fire Box.....	21"	24"	24"	24"	28"	28"	31"	31"	34"	34"	37"	37"
G-Diam. Cast Iron Base.....	18"	21"	21"	21"	23"	23"	27"	27"	31"	31"	33"	33"
M-Height Cast Iron Base.....	10 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"	13 1/2"
N-Floor to Center Fire Door.....	26 1/2"	31"	31"	31"	31"	31"	31"	31"	31"	31"	31"	31"
O-Height.....	4'-7"	5'-2"	5'-2"	5'-2"	5'-2"	5'-2"	5'-5"	5'-5"	5'-9"	5'-9"	6'-1"	6'-1"
P-Length Overall.....	5'-0"	5'-10"	6'-10"	7'-10"	7'-3"	8'-3"	7'-7"	8'-7"	8'-5"	9'-5"	9'-2"	10'-2"
Q-Height Cast Iron Stand.....	25 1/4"	28 1/4"	28 1/4"	28 1/4"	27 3/4"	27 3/4"	28"	28"	28"	28"	28"	28"
R-Width Smoke Uptake.....	5 1/2"	6 1/2"	6 1/2"	6 1/2"	7 1/2"	7 1/2"	8 1/2"	8 1/2"	9 1/2"	10"	10"	10"
S-Length Smoke Uptake.....	12 1/2"	15 1/2"	15 1/2"	15 1/2"	17 1/2"	17 1/2"	20 1/2"	20 1/2"	22 1/2"	22 1/2"	25"	25"
T-Location Supply Outlet.....	8"	8 1/2"	8 1/2"	8 1/2"	10 1/2"	10 1/2"	11 1/2"	11 1/2"	13"	12 1/2"	12 1/2"	12 1/2"
U-Location Damper Reg.....	10"	12"	12"	12"	13"	13"	15"	15"	15"	15"	17"	17"
V-Suggested Behind Boiler.....	18"	23"	23"	23"	32"	32"	44"	44"	31"	43"	40"	52"
Supply Outlet.....	3"	4"	4"	4"	4"	4"	5"	5"	5"	5"	6"	6"
Return.....	3"	4"	4"	4"	4"	4"	5"	5"	5"	5"	6"	6"
Safety Valve.....	3/4"	1"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"	2"
Diameter Smoke Pipe.....	8"	10"	10"	10"	12"	12"	14"	14"	16"	18"	18"	18"
Approx. Sq. Ft. Covering.....	36	46	52	58	60	66	72	80	86	94	102	110
Approx. Shipping Weight.....	1750	1950	2000	2050	2300	2350	2700	2950	3550	3800	4200	4500

Ratings are based on two pounds pressure for steam and 180 deg. Fahr. for water and give actual number of square feet direct cast iron radiator surface or equivalent when sufficient radiation is installed to heat the building to 70 deg. Fahr.

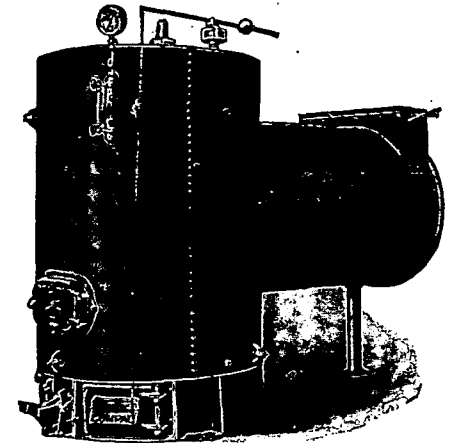
Fitzgibbons-Compac (Intermediate-Sized) Steel Boilers: This series is identical in general design with the large Fitzgibbons Boiler and is made in sizes from 3300 to 16,500 sq. ft. steam radiation. A most compact boiler specially adaptable to limited space conditions.

Construction: Fitzgibbons-Ontario and Fitzgibbons-Compac boilers are built completely of steel without a single cast-iron part holding water. Tested under pressure before shipment, and ready for immediate installation upon arrival at job. No assembling of parts at the building; no packed joints, unions, bolts, etc.

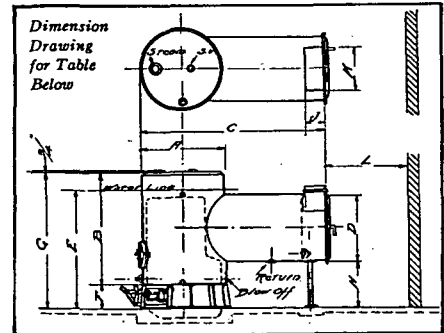
Fuel-Economy: The furnace with its gas diverting arch is so large, and the heating surfaces so ample, that the direct fire and major portion of flue surface is exposed to the hottest gases, utilizing all the heat available from the fuel. This results in a saving of upwards of 20 per cent in amount of fuel required in comparison with ordinary types of heating boilers.

Burn Coal, Oil or Gas: The fuel-saving results whether egg, stove, chestnut, pea or buckwheat size of coal, or oil or gas is used as fuel. Unusually efficient when burning oil owing to large furnace and rapid water circulation.

Net Ratings: Ratings are net and indicate the amount of equivalent cast iron radiation that boilers will heat on the basis of 0.25 lbs. steam sq. ft. of equivalent cast iron radiation with the pressure at boiler two pounds, or 180 deg. Fahr. temperature of water. Cast iron radiation equivalent is cast iron radiation plus heating loss of means, branches, risers, etc., plus hot water domestic-heating load plus heat loss of condensation not returned.



Fitzgibbons-Compac Steel Heating Boiler for moderate-sized plants



FITZGIBBONS-COMPAC STEEL BOILERS—Ratings and Specifications

No. of Boiler	Steam Rating Sq. Ft.	Diam. Vert. Shell	Height Bare Boiler	Length Bare Boiler	Diam. Hor. Shell	Water Line	Over-all Height	Height of Stand	Smoke Uptake	Space to Draw Tubes	Approx. Sq. Ft. Covering	Approx. Weight in lbs.	Steam in.	Return in.
		A	B	C	D	E	G	H	J x K	L				
H-66	3300	4'-0"	5'-10"	8'-1"	3'-4"	6'-0"	7'-1"	2'-7"	13 1/2" x 26"	2'-9"	118	5500	6	4
H-76	3800	4'-0"	5'-10"	9'-1"	3'-4"	6'-0"	7'-1"	2'-7"	13 1/2" x 26"	3'-9"	128	5850	6	4
H-86	4300	4'-0"	5'-10"	10'-1"	3'-4"	6'-0"	7'-1"	2'-7"	13 1/2" x 26"	4'-9"	138	6200	6	4
H-88	4400	4'-4"	5'-11"	8'-7"	3'-6"	6'-0"	7'-2"	2'-5"	14" x 27"	2'-8"	132	6300	6	4
H-98	4900	4'-4"	5'-11"	9'-7"	3'-6"	6'-0"	7'-2"	2'-5"	14" x 27"	3'-8"	143	6650	6	4
H-108	5400	4'-4"	5'-11"	10'-7"	3'-6"	6'-0"	7'-2"	2'-5"	14" x 27"	4'-8"	154	7000	6	4
H-120	6000	4'-8"	6'-7"	10'-9"	4'-0"	6'-7"	7'-10"	2'-7"	14" x 37"	3'-8"	167	9000	7	5
H-132	6600	4'-8"	6'-7"	10'-9"	4'-0"	6'-7"	7'-10"	2'-7"	14" x 37"	4'-8"	180	9500	7	5
H-144	7200	4'-9"	6'-7"	11'-9"	4'-0"	6'-7"	7'-10"	2'-7"	14" x 37"	5'-8"	193	10,000	7	5
H-150	7500	5'-0"	6'-11"	9'-10"	4'-3"	6'-11"	8'-2"	2'-8"	14" x 44"	3'-8"	181	10,200	7	5
H-160	8000	5'-0"	6'-11"	10'-10"	4'-3"	6'-11"	8'-2"	2'-8"	14" x 44"	4'-8"	195	10,850	7	5
H-170	8500	5'-0"	6'-11"	11'-10"	4'-3"	6'-11"	8'-2"	2'-8"	14" x 44"	5'-8"	208	11,500	7	5
H-200	10,000	5'-4"	8'-6"	12'-0"	4'-6"	8'-3"	9'-9"	3'-3"	15" x 49"	6'-3"	260	13,000	8	6
H-220	11,000	5'-4"	8'-6"	13'-0"	4'-6"	8'-3"	9'-9"	3'-3"	15" x 49"	7'-3"	280	14,000	8	6
H-250	12,500	5'-10"	9'-0"	12'-3"	5'-0"	8'-9"	10'-3"	3'-3"	16" x 58"	6'-3"	295	15,000	8	6
H-270	13,500	5'-10"	9'-0"	12'-9"	5'-0"	8'-9"	10'-3"	3'-3"	16" x 58"	6'-9"	315	15,500	8	6
H-310	15,500	6'-2"	9'-2"	14'-0"	5'-2"	8'-11"	10'-5"	3'-3"	17" x 58"	7'-6"	335	17,000	8	6
H-330	16,500	6'-2"	9'-2"	14'-6"	5'-2"	8'-11"	10'-5"	3'-3"	17" x 58"	8'-0"	350	18,000	8	6