

Revised Manual
see 4-63 & 2-64

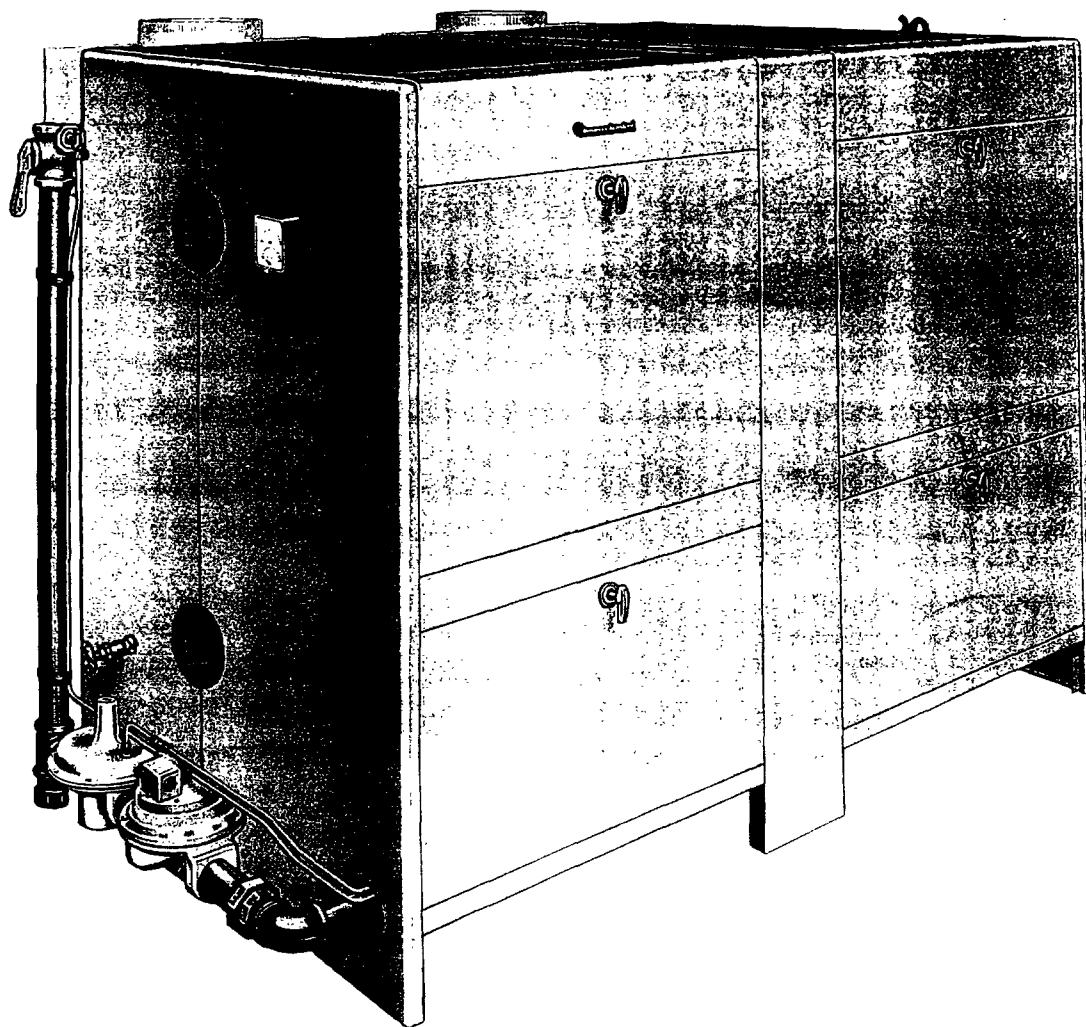
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AMERICAN-Standard

G-60

gas fired boilers



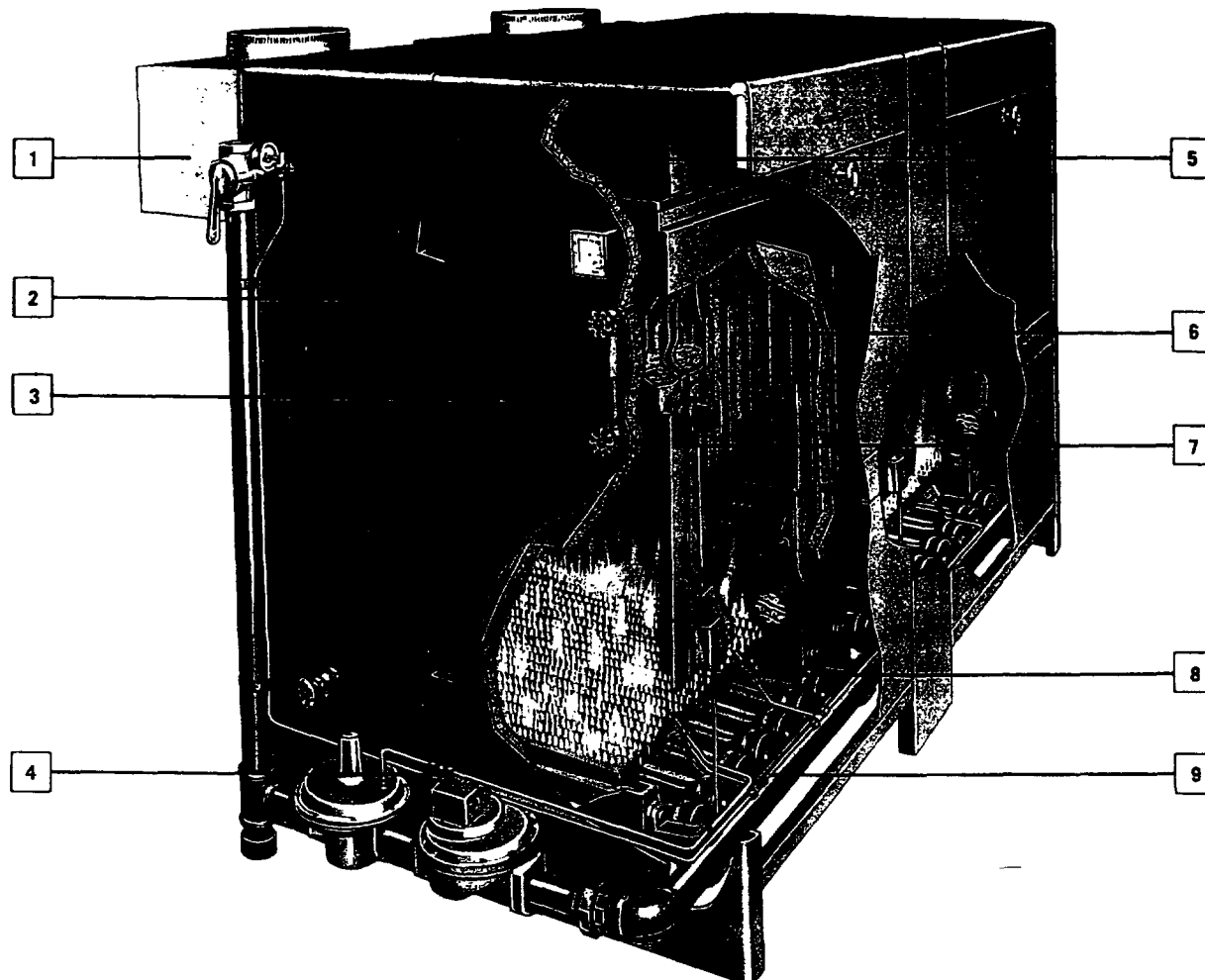
A.I.A. File No. 30-C-1 [May, 1961]

16478

PLANT 25
EXHIBIT
A57-857

G-60

gas fired boilers



1—integral draft hood—prevents excessive downdrafts from affecting proper combustion. Located at rear of jacket on all models to provide low over-all height of 66½".

2—jacket—sturdy steel with smart gray finish, modern radius corners. Inner surfaces protected with heavy glass fiber insulation—prevents wasteful heat loss, keeps jacket cool.

3—steam trim—left hand end steam trim is standard equipment. Right hand end steam trim available on order.

4—automatic gas valves—A.G.A. approved, electrically operated, automatic diaphragm type valve. Can be manually operated in case of current interruptions.

5—flue canopy—forms gas-tight connections between boiler flue passages and draft hood. Canopy completely enclosed by boiler jacket.

6—cast iron sections—multiple pin-like projections for maximum heat extraction. Tested for 50 psi water working pressure; 80 psi water working pressure available on special order.

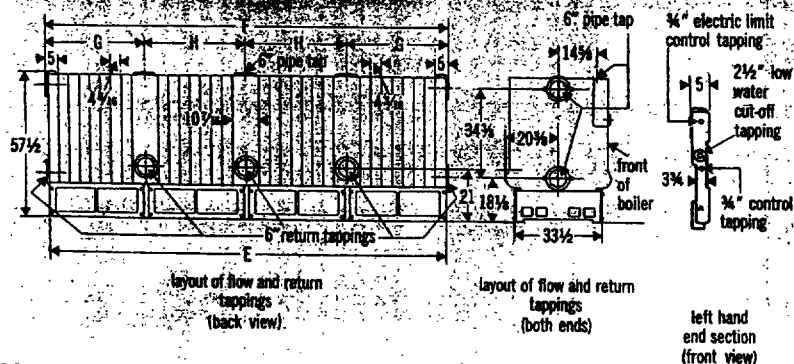
7—resetting low water cut-off (steam boilers)—located within jacket enclosure. Electrically shuts off main gas supply to burners if boiler water reaches low point. Optional external types available.

8—burners—precision made and factory tested to assure quiet, efficient operation with all gases. Cast iron, drilled port burners supplied for natural and mixed gases. Cleanable ribbon burners standard for all other gases and dual gas equipment.

9—factory assembled manifold and controls—only requires attachment to boiler. Special manifolds for dual gas equipment and FIA and FM installations available.

Intensions to the Exchange

number	average number of days	range	low	high	low	high	low	high	low	high	low	high	low	high
G-606	1¼	2	—	—	—	27½	25%	26%	—	—	5	1	1	
G-607	1¼	2	—	—	—	31¼	29½	31	—	—	6	1	1	
G-608	1¼	2	—	—	—	35½	33½	35½	—	—	7	1	1	
G-609	1½	2	—	—	—	39½	37%	39%	—	—	8	1	2	
G-6010	1½	2	—	—	—	43%	42%	43%	—	—	9	1	2	
G-6011	2	2½	—	—	—	47%	46½	47%	—	—	10	1	2	
G-6013	2	2½	31%	—	6½	62%	60%	62%	31%	—	12	2	2	
G-6015	2½	2½	35½	—	to	71	69%	70%	35%	—	14	2	2	
G-6017	2½	3	39%	—	8%	79¼	77%	79%	39%	—	16	2	4	
G-6019	2½	3	43%	—	8%	87½	86	87½	43%	—	18	2	4	
G-6021	2½	3	47%	—	8%	95%	94%	95%	47%	—	20	2	4	
G-6022	2½	3	35½	35%	8%	106%	104½	106%	35%	35%	21	3	3	
G-6025	3	3	39%	39%	8%	119	117%	118%	39%	39%	24	3	6	
G-6028	3	(2)-2½	43%	43%	8%	131%	129%	131%	43%	43%	27	3	6	
G-6031	3	(2)-3	47%	48%	8%	143%	142½	144	47%	48%	30	3	6	
G-6033	3	(2)-3	39%	39%	8%	158%	157½	158%	39%	39%	32	4	8	
G-6037	3	(2)-3	43%	43%	8%	175%	173%	175%	43%	43%	36	4	8	
G-6041	(2)-2½	(2)-3	47%	48%	8%	191%	190%	192%	47%	48%	40	4	8	



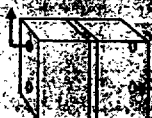
G-607	2	0	5	0	2	0	2
G-608	2	0	6	0	0	0	2
G-609	2	0	7	0	2	0	2
G-6010	2	0	8	0	2	0	2
G-6011	2	0	9	0	2	0	2
G-6013	2	1	10	1	2	1	2
G-6015	2	1	12	1	2	1	2
G-6017	2	1	14	1	2	1	2
G-6019	2	1	16	1	2	1	2
G-6021	2	1	18	1	2	1	2
G-6022	2	2	18	2	2	2	2
G-6025	2	2	21	2	2	2	2
G-6028	2	2	24	2	2	2	2
G-6031	2	2	27	2	2	2	2
G-6033	2	3	28	3	2	3	2
G-6037	2	3	32	3	2	3	2
G-6041	2	3	36	3	2	3	2

Single unit piping recommendations

for water

(forced water circulation only)

boiler number	pipe sizes (inches)		
	riser	return	header
G-606	2½	2½	—
G-607	3	3	—
G-608	3	3	—
G-609	3	3	—
G-6010	4	4	—
G-6011	4	4	—
G-6013	4	4	—
G-6015	4	4	—
G-6017	4	4	—
G-6019	4	4	—
G-6021	4	4	—
G-6022	4	4	—
G-6025	4	4	—
G-6028	4	4	—
G-6031	4	4	—
G-6033	4	4	—
G-6037	4	4	—
G-6041	4	4	—

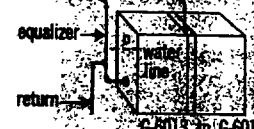


G-6013 to G-6015



G-6033 to G-6041

boiler number	pipe sizes (inches)			
	riser	return	header	equalizer
G-606	4	1½	4	2
G-607	4	1½	4	2
G-608	5	1½	5	2½
G-609	5	2	5	2½
G-6010	5	2	5	2½
G-6011	5	2	5	2½
G-6013	6	3	6	2½
G-6015	6	3	6	4
G-6017	(2)-4	4	4	4
G-6019	(2)-4	4	4	4
G-6021	(2)-4	4	4	4
G-6022	(2)-4	4	4	4
G-6025	(2)-4	4	4	4
G-6028	(2)-4	4	4	4
G-6031	(3)-4	4	10	4
G-6033	(3)-4	4	10	4
G-6037	(3)-4	4	10	4
G-6041	(3)-4	4	10	4



G-6013 to G-6015



G-6033 to G-6041

NOTE: Return connection to equalizer should be 2" from water line to top of fitting.

gas control and connection sizes; pertinent data

Boiler Number	762	504	2741	2751	2	2	1¼	2	1¼	2	1¼	2
G-606	762	504	2741	2751	2	2	1¼	2	1¼	2	1¼	2
G-607	877	581	3141	3151	2	2	1¼	2	1¼	2	1¼	2
G-608	991	658	3527	3537	2	2	1¼	2	1¼	2	1¼	2
G-609	1106	753	3923	3934	2	2	1½	2	1½	2	1½	2
G-6010	1221	813	4335	4346	2	2	2	2	1½	2	1½	2
G-6011	1335	890	4728	4739	2	2½	2	2½	2	2½	2	2
G-6013	1877	1252	6049	6069	2	2½	2	2½	2	2½	2	2
G-6015	2106	1406	6835	6855	2	2½	2½	2½	2½	2½	2½	2
G-6017	2335	1561	7620	7640	2½	3	2½	3	2½	3	2½	2
G-6019	2564	1715	8503	8523	2½	3	2½	3	2½	3	2½	2
G-6021	2793	1870	9292	9312	2½	3	2½	3	2½	3	2½	2
G-6022	3220	2154	10139	10154	2½	3	2½	3	2½	3	2½	2
G-6025	3564	2386	11334	11361	3	3	3	(2)-2½	3	3	3	2
G-6028	3908	2618	12616	12648	3	(2)-2½	3	(2)-2½	3	(2)-2½	3	2
G-6031	4252	2850	13809	13841	3	(2)-3	3	(2)-3	3	(2)-3	3	2
G-6033	4793	3211	15036	15068	3	(2)-3	3	(2)-3	3	(2)-3	3	2
G-6037	5252	3521	16690	16720	3	(2)-3	(2)-3	(2)-3	3	(2)-3	3	2
G-6041	5710	3820	18316	18346	(2)-2½	(2)-3	(2)-2½	(2)-3	(2)-2½	(2)-3	(2)-2½	2

■ Pressure regulator not furnished for LP gases ● Indicates manual shut-off size only