



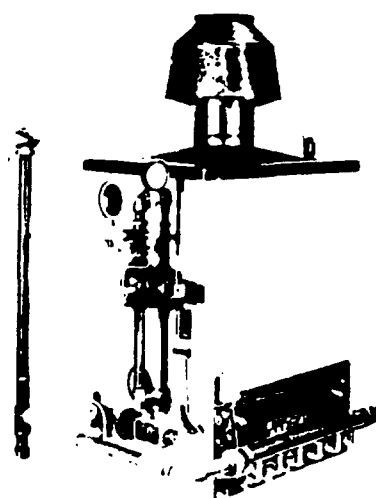
1-G

1-G-E

Standard gas boiler

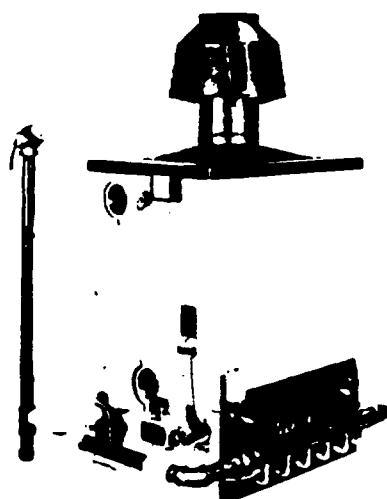
Empire gas boiler

water only



series 20B & 21B

1-GS-4 to 1-GS-10



series 20B & 21B

1-GW-4 to 1-GW-10

Cast iron repair parts for this boiler will be discontinued by series as follows:

series 20B - Dec. 31, 1971

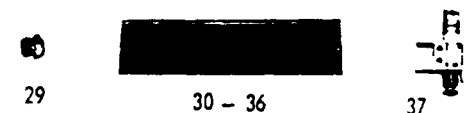
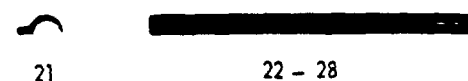
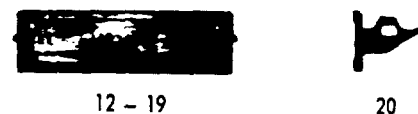
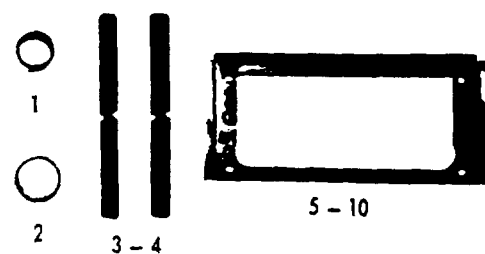
series 21B - Dec. 31, 1975

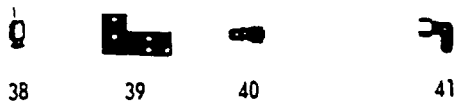
Jacket parts for this boiler are no longer available. Pictures are shown for identification purposes only.

Repair part price for each part number is found at back of book.

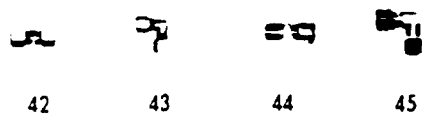
cat. no.	description	part no.	series no.
1	assembling nipple, 3" bottom	3076	
2	assembling nipple, 4" top	3077	
3	filler plate	2932	
4	cleanout cover plate	2933	
front or back burner door frame:			
5	4 section	2903	•
6	5 section	2904	•
7	6 section	2905	•
8	7 section	2906	•
9	8 section	2907	•
10	9 section	2908	•
11	10 section	2909	•
front or back burner door:			
12	4 section	2911	•
13	5 section	2912	•
14	6 section	2913	•
15	7 section	2914	•
16	8 section	2915	•
17	9 section	2916	•
18	10 section, R.H.	2912	•
19	10 section, L.H.	2913	•
20	manifold bracket	2938	
21	manifold bracket cap	2935	
manifold			
22	4 section	9197	
23	5 section	9198	
24	6 section	9199	
25	7 section	9200	
26	8 section	9201	
27	9 section	9202	
28	10 section	9203	
*29	main burner orifice	7613	
secondary air baffle, steel			
30	4 section	82710	20B & 21B
31	5 section	82711	20B & 21B
32	6 section	82712	20B & 21B
33	7 section	82713	20B & 21B
34	8 section	82714	20B & 21B
35	9 section	82715	20B & 21B
36	10 section	82716	20B & 21B
*37	pilot burner, 2D11-8	6962	20 & 21B

note. parts marked with (*) used on FRONT and BACK of boiler series
17B, 20B & 21B. used on FRONT only of boiler series 18B & 19B.
* specify type of gas





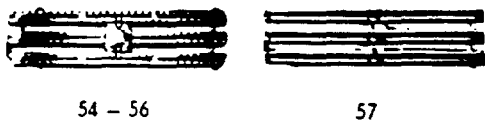
38 39 40 41



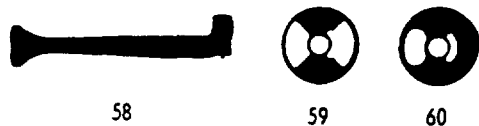
42 43 44 45



46 47 - 53



54 - 56 57



58 59 60

1-G standard & 1-G-E Empire gas boilers

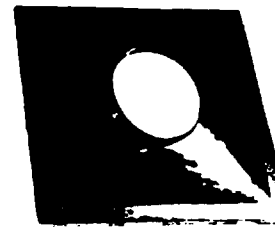
note: parts are used for 20B & 21B
where series is not shown

cat. no.	description	part no.	series no.
*38	pilot orifice for 2D11 burner (Nat.)	7644	21B
39	pilot bracket, manual	83303 (Rev.)	20B & 21B
40	1/8" M x 1/4" straight tubing connector	5733	20B & 21B
41	1/8" M x 1/4" elbow tubing connector	5728	20B & 21B
42	1/4" union tubing connector	5737	20B & 21B
43	1/4" union elbow connector	5729	20B & 21B
44	1/4" M x 1/8" straight tubing connector	5736	20B & 21B
45	1/4" M x 1/8" elbow tubing connector	5726	20B & 21B
46	1/4" tubing tee	7823	20B & 21B
burner support:			
47	4 section	2924	
48	5 section	2925	
49	6 section	2926	
50	7 section	2927	
51	8 section	2928	
52	9 section	2929	
53	10 section	2930	
54	burner, Nat., & Mixed gas	2920	
55	burner, Mfd. gas	2919	
56	burner, LP-gas	2922	20B & 21B
57	ribbon burner, Mfd. gas	2923	
58	mixing tube	2921	
59	air shutter: Nat., & Mixed, LP-gas, LP-air, and Mfd. ribbon burner	77965	
60	air shutter: Mfd. gas, drilled port burner	79846	20B & 21B

* specify type of gas

Repair part price for each part number is found at back of book.

cat. no.	description	part no.	series no.
canopy, steel:			
61	4 section	57236	17B to 21B
62	5 section	57237	17B to 21B
63	6 section	57238	17B to 21B
64	7 section	82660	20B & 21B
65	8 section	82661	20B & 21B
66	9 section	82664	20B & 21B
67	10 section	82667	20B & 21B
draft hood:			
68	6" diameter - 4 section	5947	20B & 21B
69	7" diameter - 5 section	5948	20B & 21B
70	8" diameter - 6 section	5949	20B & 21B
71	9" diameter - 7 & 8 section	82672	20B & 21B
72	10" diameter - 9 & 10 section	82673	20B & 21B
73	gauge and water column fitting	2937	19B to 21B
manual shut-off valve.			
74	size 1/2"	5691	20B & 21B
75	size 1"	5696	20B & 21B
76	size 1 1/4"	5698	20B & 21B
77	size 1 3/4"	5700	20B & 21B
78	size 2"	5702	20B & 21B
pilot patrol filters.			
79	4 & 5 section	6138	20B & 21B
80	6 to 10 section	6141	20B & 21B
81	pilot valve, 1/4" Male x 1/4" Male	5674	20B & 21B
82	pilot throttling valve, 1/4" Male x 1/4" tubing connector	5680	20B & 21B
83	pilot throttling valve, 1/4" M x 1/2" tubing connector	5683	20B & 21B
84	terminal block, 5 point	5106	20B & 21B



61 - 67



68





85 -



86 -



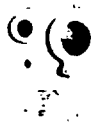
87 -



88 -



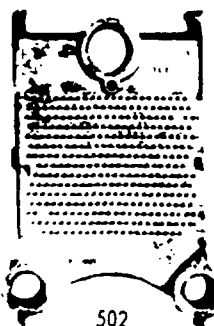
90



500



501



502

1-G standard & 1-G-E**Empire gas boilers**

note: parts are used for 20B & 21B
where series is not shown

cat. no.	description	part no.	series no.
pilot valve bracket:			
85	Nat., Mixed & Mfd. gas	82709	20B & 21B
86	LP-gas, 6 to 10 section	82705	20B & 21B
87	LP-air	82702	20B & 21B
88	push button valve, 1/4" Male x 1/4" female, 6 to 10 section, LP-gas	5677	20B & 21B
89	vent tube with tip	9144	20B & 21B
90	vent tube clip	5639	20B & 21B
91	drain valve	5662	

sections

cat. no.	description	part no.	pattern ref. no.
500	right hand end section	4710	4710
501	left hand end section	4715	4715
502	center section	4712	4712

Note: Order sections by part number.