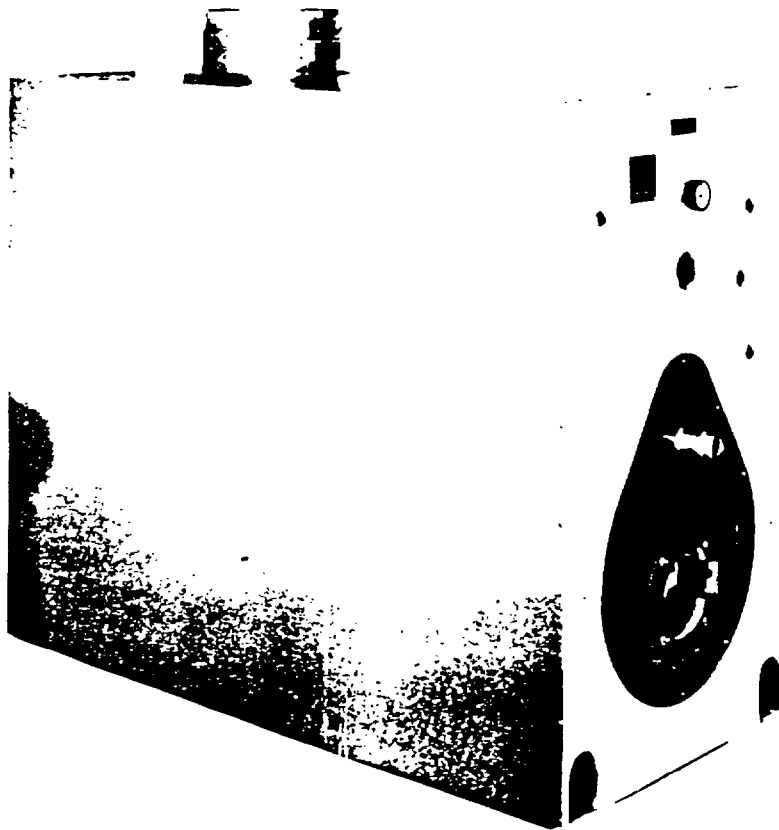




PFA-5

pressure fired
oil boiler
steam and water



series 1B-J1
PFA-504 thru PFA-521



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

cat. no.	description	part no.
1	cleanout cover plate assembly	09289
	cleanout radiation shield assembly:	
2	15" long - 4	28952
3	21" long - 5	28953
4	27" long - 6, 12	28954
5	33" long - 7, 12, 14 (2) 13	28955
6	39" long - 8, 14, 16 (2) 15	28956
7	45" long - 9, 16, 18 (2) 17	28957
8	51" long - 10, 18, 20 (2) 19	28958
9	57" long - 11, 20 (2) 21	28959
	canopy assembly:	
10	4 section	28976
11	5 section	28977
12	6 section	28978
13	7 section	28979
14	8 section	28980
15	9 section	28981
16	10 section	28982
17	11 section	28983
18	canopy front portion assembly:	
	12 thru 15	28984
	16 thru 21	28985
	canopy rear portion assembly:	
19	12 section	28986
20	13 section	28987
21	14 section	28988
22	15 section	28989
23	16 section	28990
24	17 section	28991
25	18 section	28992
26	19 section	28993
27	20 section	28994
28	21 section	28995
	thimble assembly:	
29	10" 4 thru 8 sections	29042
30	14" 9 thru 15 sections	29043
31	18" 16 thru 21 sections	29044
32	burner plate assembly (oil) cast iron	04042
33	observation port cover	04040
34	observation port shutter	04037
35	burner plate insulation (4 1/2" dia. hole)	06470
36	observation port gasket	06191

THIMBLE GASKET - 10" - 29055
 14" - 29056
 18" - 29057

INSULATION FILLER PIECE 33320



1



2 - 9



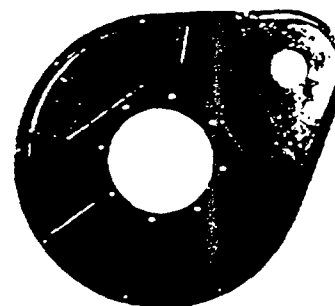
10 - 18 -



19 - 28



29 - 31



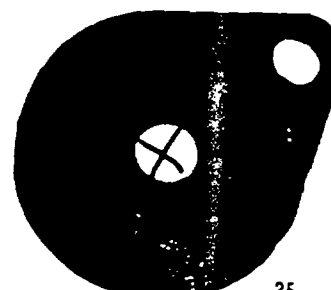
32



33



34



35



36



37

13461

**PFA-5 Pressured Fired
oil boiler, steam and water
series 1B — J1**



38



39



40



41 - 42



42 - 43



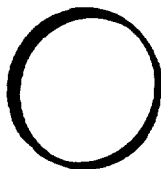
44



45



46



47

cat. no.	description	part no.
37	observation port gasket	06212
38	observation port glass	06279
39	shutter handle assembly	06364
40	pressure relief door assembly	29669
41	adaptor plate assembly (PFA-504 thru PFA-506) (oil boilers only)	09300
42	burner plate assembly (steel) (PFA-507 thru PFA-512) (gas & gas-oil boilers)	09301
43	burner plate assembly (steel) (PFA-513 thru PFA-521) (gas & gas-oil boilers)	09302
44	refractory firewall plates	05077
45	sealant	07600
46	drain valve	05664
47	assembling nipple 3"	03076
48	assembling nipple 7"	03082

48 BURNER PLATE ADAPTOR GASKET 06212
(R-6 BURNERS)

**WATER HEATER COVER PLATE
BOX 4120-0162**

CONSISTS OF -

1- WTR. CVR. PLATE 04038
1- WTR GASKET 06196
6- 3/8-16 x 1" WGT HD CAP SCREWS 07457

PFA-5 Pressured Fired oil boiler, steam and water

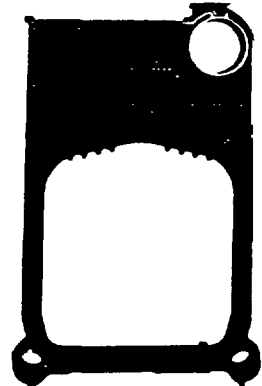
series 1B — J1

sections

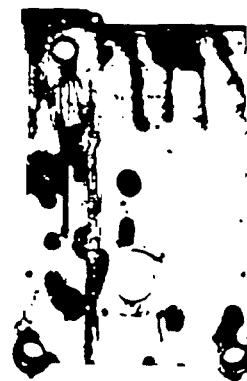
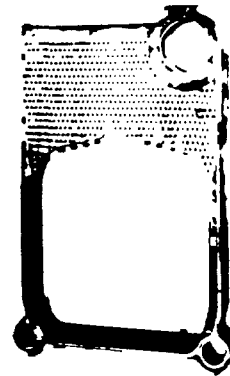
cat. no.	description		part no.
500	front section	"FX"	04031
501	center section	"C"	04032
502	center section	"CT"	04034
503	center section	"CX"	04033
504	back section	"BX"	04035



500



501



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



A-7 & FR-A-7

all fuels boiler
steam and water



series 1B & 2B

oil fired	A-705-SO to A-714-SO A-705-WO to A-714-WO FR-A-706-SO to FR-A-714-SO FR-A-706-WO to FR-A-714-WO
stoker fired	A-705-SC to A-714-SC A-705-WC to A-714-WC
hand fired	A-705-S to A-712-S A-705-W to A-712-W

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

cat. no.	description	part no.	*fuel used for
1	cleanout door, L.H.	516	all
2	cleanout door, R.H.	515	all
3	cleanout door lining, L.H.	518	all
4	cleanout door lining, R.H.	517	all
5	cleanout door catch	527	all
6	cleanout door hinge, L.H.	875	all
7	cleanout door hinge, R.H.	876	all
7	fire door hinge	876	S & HF
7	ashpit door hinge	876	S & HF
8	fire door	521	S & HF
9	fire door lining	522	S & HF
10	fire door slide damper	523	S & HF
11	ashpit door	526	S & HF
12	clinker grate	519	HF
13	service door	531	O
14	service door lining	532	O
15	sight opening cover plate	170	O
16	fire, ashpit door catch	740	S & HF
16	service door catch	740	O

*O - oil fired
S - stoker fired
HF - hand fired (coal)



1



2



3



4



5



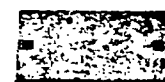
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8



9



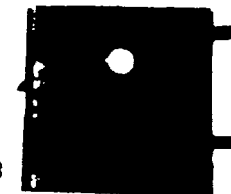
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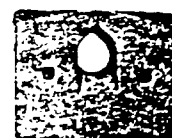
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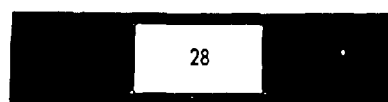
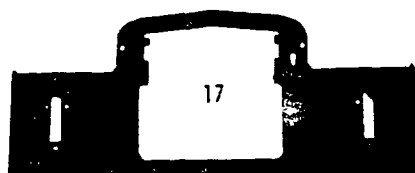
14



15



16



A-7 and FR-A7 all fuels boiler

note: parts used for series 1B & 2B

cat. no.	description	part no.	*fuel used for
17	front base panel	514	all
18	front burner plate (blank)	99547	O
	front burner plate w/7 1/2" hole	21644	O
	front burner plate w/8 1/2" hole	21645	O
	front burner plate w/9 1/2" hole	21646	O
	base sides, front, R. or L.		
19	6 section	508	all
**20	7, 8, 11 and 12 section	509	all
21	5, 9 and 10 section	510	HF
**22	5, 9, 10, 13 and 14 section	510	O & S
	base sides, rear, R. or L.		
**23	6, 7 and 11 section	511	all
**24	8, 9, 11 and 12 section	512	HF
**25	8, 9, 11, 12, 13 and 14 section	512	O & S
26	10 section	513	HF
**27	10 and 14 section	513	O & S
28	rear base panel	528	all
29	draft opening cover plate	99548	O & S
30	draft pouch	529	HF
31	draft pouch door	530	HF
32	blank angle lever plate	336	H, O & S
33	angle lever plate	335	HF
34	angle lever link	338	HF
35	angle lever	6629	HF

*O - oil fired

S - stoker fired

HF - hand fired (coal)

** 11 - 14 section reinforcement angles for base, R. or L.

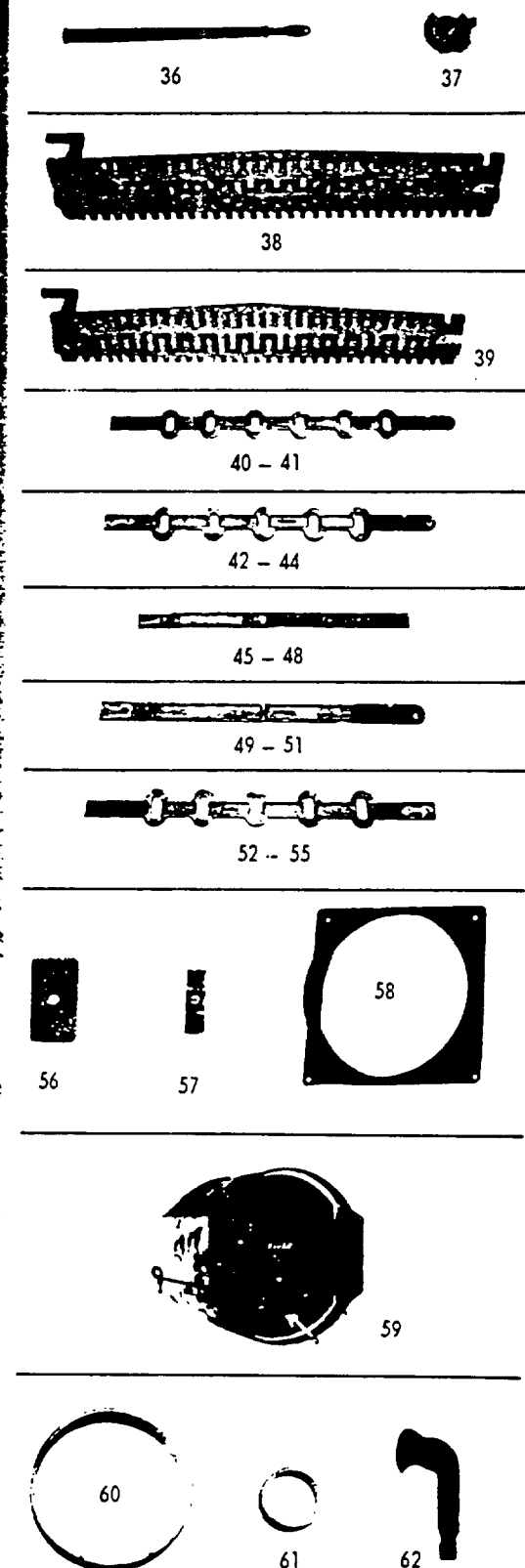
11 section	5041
12 section	5042
13 section	5043
14 section	5044

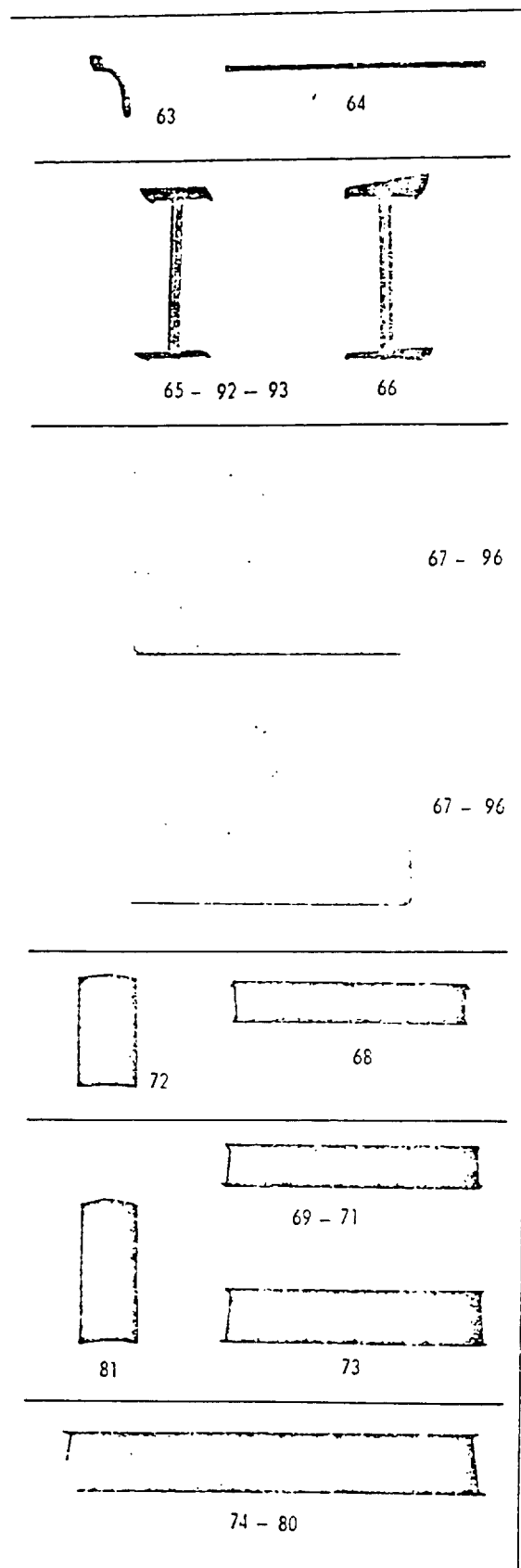
Repair part price for each part number is found at back of book.

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

cat. no.	description	part no.	*fuel used for
36	shaker handle	3048	HF
37	connecting arm catch	774	HF
38	center grate bar	534	HF
39	front or back grate bar	535	HF
grate connecting bars:			
40	5 link, 5 section	490	HF
41	6 link, 6 section	491	HF
grate connecting bars, L.H. front:			
42	4 link, 7 and 8 section	492	HF
43	5 link, 9 and 10 section	493	HF
44	6 link, 11 and 12 section	494	HF
grate connecting arms, L.H. rear:			
45	3 blank, 7 section	498	HF
46	4 blank, 8 and 9 section	499	HF
47	5 blank, 10 and 11 section	500	HF
48	6 blank, 12 section	501	HF
grate connecting arms, R.H. front:			
49	4 blank, 7 and 8 section	495	HF
50	5 blank, 9 and 10 section	496	HF
51	6 blank, 11 and 12 section	497	HF
grate connecting bars, R.H. rear:			
52	3 link, 7 section	502	HF
53	4 link, 8 and 9 section	503	HF
54	5 link, 10 and 11 section	504	HF
55	6 link, 12 section	505	HF
56	connecting arm slot cover plate	3014	O & S
57	connecting arm slot cover plate strap	3015	O & S
58	smoke collar	520	all
59	barometric draft control assembly	5780	HF
60	assembly push nipple, 8 1/2" top	3084	all
61	assembly push nipple, 3" bottom	3076	all
62	hand regulator post	1664	HF

STEEL BURNER PLATE - FRA -
 5, 6 & 7 SECTION - 27267
 8 - 68
 9 - 69
 10, 11, 12 & 13 - 70
 14 - 71





cat. no.	description	part no.	*fuel used for
63	hand regulator clamp	1663	HF
64	regulator lever	33013 -6504	HF
fire baffles:			
65	upper, 5 thru 8 section	524	O
66	lower, 5 thru 8 section	525	O
67	refractory crown sheet baffles		
A-7	5 section only — per set 677 FRA-7	5071	O
steel pedestal base — 8" height:			
68	front or rear panel	6884	O & S
69	base side, 5 section R. or L.	6886	O & S
70	base side, 6 section, R. or L.	6887	O & S
71	base side, 7 section, R. or L.	6888	O & S
72	corner tie angle	5045	O & S
steel pedestal base — 10" height:			
73	front or rear panel	6885	O & S
74	base side, 8 section, R. or L.	6889	O & S
75	base side, 9 section, R. or L.	6890	O & S
76	base side, 10 section, R. or L.	6891	O & S
77	base side, 11 section, R. or L.	6892	O & S
78	base side, 12 section, R. or L.	6893	O & S
79	base side, 13 section, R. or L.	6894	O & S
80	base side, 14 section, R. or L.	6895	O & S
81	corner tie angle	5046	O & S
82	4 lb. ball weight (not illustrated)	3101	
fire tile:			
83	5, 6 & 7 section	5437	
84	8, 9, 10, 13 & 14	5438	
85	11 & 12 section	5439	
FR-A7 PARTS			
86	oil service door catch plate	27838	
steel burner plate			
87	6 & 7 section	27267	
88	8 section	27268	
89	9 section	27269	
90	10, 11, 12 & 13 section	27270	
91	14 section	27271	
upper flue baffles:			
92	6, 7, 8 & 9 section (4 required)	0524	
93	10 & 11 section (4 required)	0537	
lower flue baffles:			
94	6, 7, 8 & 9 section (2 required)	0525	
95	10 & 11 section (2 required)	0536	
96	crown sheet baffle 6 & 7 section	05071	
fire tile:			
97	6 & 7 section	05399	
98	8 section	05400	
99	9 section	05401	
100	10, 11, 12 & 13 section	05402	
101	14 section	05403	
*O — oil fired			
*S — stoker fired			
*HF — hand fired (coal)			

Repair part price for each part number is found at back of book.
Revised August 1, 1971