

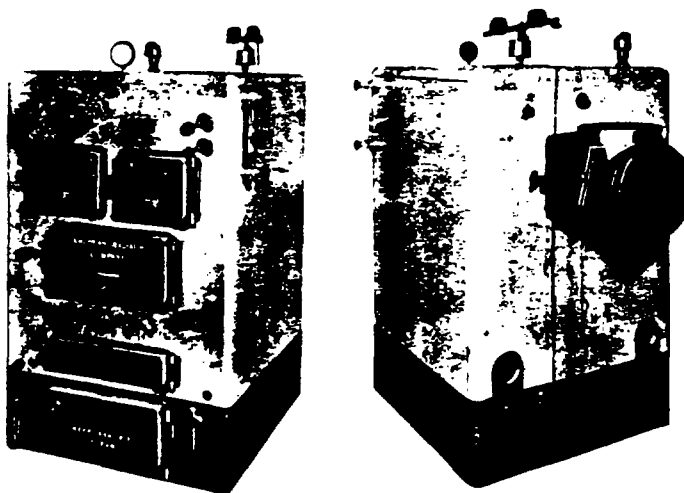


no. 2 Redflash

boiler

(formerly no. 2

ideal redflash boiler) steam and water

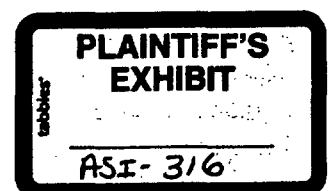


series 13B & 14B

hand fired	2-S-5 to 2-S-12 2-W-5 to 2-W-12
smokeless	2-S-8-S to 2-S-13-S 2-W-8-S to 2-W-13-S

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

hand fired — 1987
smokeless — 1987





33 - 36

37



38



39



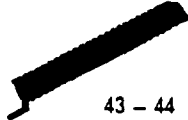
40



41



42



43 - 44



46



50



52



53



56



58



60



61

No. 2 Redflash boiler

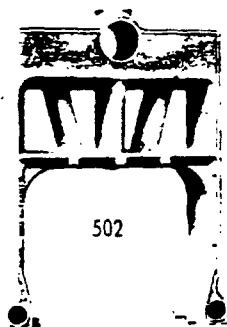
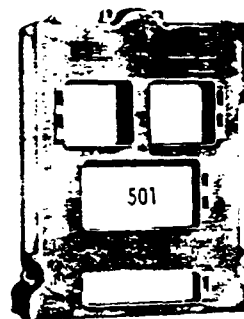
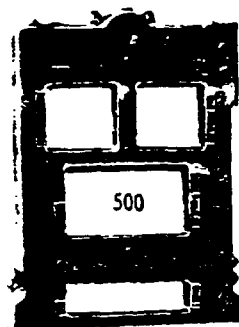
note: parts used for 13B & 14B inclusive
where series is not shown

cat. no.	description	part no.	series no.
33	1 sec. base side extension, R. or L.	277	13B
34	2 sec. base side extension, R. or L.	278	13B
35	3 sec. base side extension, R. or L.	279	13B
36	4 sec. base side extension, R. or L.	280	13B
37	back base panel - open	310	13B & 14B
38	draft pouch, rear	304	13B & 14B
39	draft pouch B/F door frame	307	13B & 14B
40	draft pouch B/F door inside	305	13B & 14B
41	draft pouch B/F door outside	306	13B & 14B
42	draft opening cover plate	251	13B
43	grate bar, R.H.	319	
44	grate bar, L.H.	290	
	grate connecting bars, one piece:		
45	3 link, 5 section	262	
46	4 link, 6 section	263	
	grate connecting bars, L.H. front:		
47	2 link, 7 section	285	
48	3 link, 8 section	286	
49	4 link, 9 and 10 section	287	
50	5 link 11 and 12 section	288	
51	6 link, 13 section	289	
	grate connecting bars, L.H. rear:		
52	3 link, 7, 8 and 9 section	293	
	grate connecting arms, L.H. rear:		
53	4 blank, 10 and 11 section	315	13B & 14B
54	5 blank, 12 and 13 section	316	13B
	grate connecting arms, right hand front:		
55	4 blank, 10 section	320	13B
56	5 blank 11 and 12 section	317	13B & 14B
57	6 blank, 13 section	318	13B
	grate connecting bars, right hand rear:		
58	4 link, 10 and 11 section	294	13B & 14B
59	5 link, 12 and 13 section	295	13B & 14B
59A	5 link, 13 section	295	13B
60	connecting arm slot cover	3014	
61	connecting arm slot cover strap (revised)	3015	

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

19

00730



No. 2 Redflash boiler

note: parts used for 13B & 14B inclusive
where series is not shown

sections

cat. no.	description	code letter	part no.	series no.
500	5" front - coal	A	3932	13B & 14B
501	10" front - coal	F	3933	13B & 14B
502	10" front center conn. 4" flow tapping	FCX	3934	13B & 14B

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

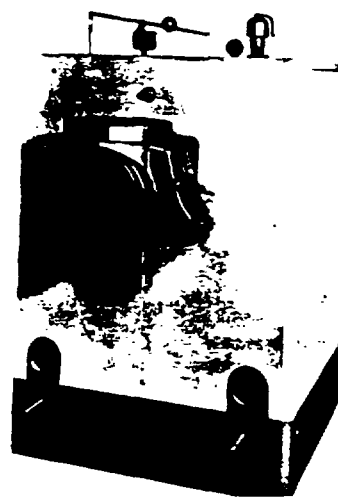
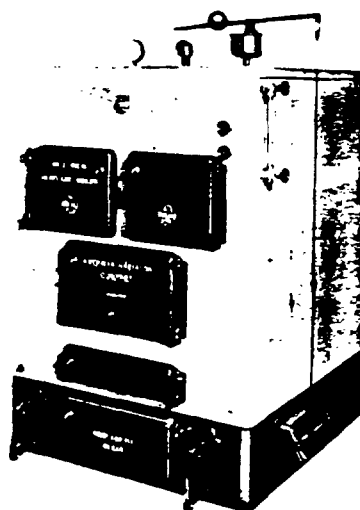
151

00732



no. 3 Redflash

boiler
(formerly no. 3 ideal
redflash boiler) steam and water



series 12B

hand fired	3-S-5 to 3-S-13 3-W-5 to 3-W-13
smokeless	3-S-8-S to 3-S-14-S 3-W-8-S to 3-W-14-S
oil fired	3-S-8-O to 3-S-14-O 3-W-8-O to 3-W-14-O
stoker fired	3-SC-6 to 3-SC-14 3-WC-6 to 3-WC-14

Cast iron repair parts for this boiler will be discontinued 1987.



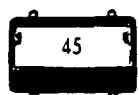
36 - 41



42 - 43



44



45



46



47



48



49



55



58



59



60 - 63



64 - 68



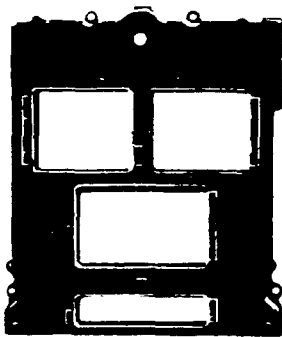
69 - 72



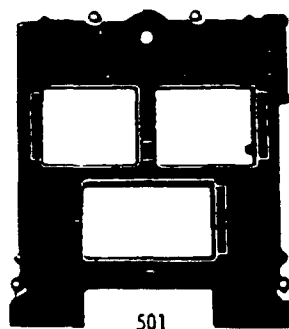
73 - 77

No. 3 Redflash boilernote: parts used for 1B & 12B inclusive
where series not shown

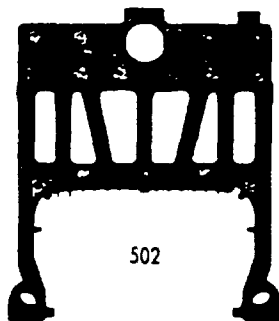
cat. no.	description	part no.	series no.
base side panels, L.H. closed:			
36	6 section	368	
37	7 section 7 and 11 section assembly	369	
38	8 section 8 and 12 section assembly	370	
39	9 section 9 and 12 section assembly	371	
40	10 section 10 and 14 section assembly	372	
41	1 section base side extension	400	
42	2 section base side extension	398	
43	4 section base side extension	373	
	(also used on 11-12, 13-14 assembly)		
44	rear base panel	333	
parts for use on 1B to 12B series,			
inclusive, 6 through 11 section:			
45	draft pouch	362	
46	draft pouch B/F door frame	353	
47	draft pouch B/F door, inside half	354	
48	draft pouch B/F door, outside half	355	
parts for use in 11B and 12B series,			
12 sections and larger:			
49	draft pouch	365	11B & 12B
50	draft pouch B/F door frame	800	11B & 12B
51	draft B/F door, inside half	801	11B & 12B
52	draft B/F door, outside half	802	11B & 12B
53	draft opening cover plate - oil	883	11B & 12B
54	draft opening cover plate - oil	397	4B to 12B
55	grate bar, pea coal, L.H., regular	374	
56	grate bar, pea coal, R.H., regular	375	
*57	grate bar, buckwheat, L.H.	402	
*58	grate bar, buckwheat, R.H.	403	
grate connecting bars.			
59	4 link 6 section	340	
grate connecting bars, L.H., front:			
60	3 link 7 and 8 section	341	
61	4 link 9 and 10 section	342	
62	5 link 11 and 12 section	376	
63	6 link 13 and 14 section	377	
grate connecting arms, L.H., rear:			
64	2 blank 7 section	343	
65	3 blank 8 and 9 section	344	
66	4 blank 10 and 11 section	378	
67	5 blank 12 and 13 section	379	
68	6 blank 14 section	394	
grate connecting arms, R.H., front:			
69	3 blank 7 and 8 section	345	
70	4 blank, 9 and 10 section	346	
71	5 blank, 11 and 12 section	380	
72	6 blank, 13 and 14 section	381	
grate connecting bars, R.H., rear:			
73	2 link 7 section	347	
74	3 link 8 and 9 section	348	
75	4 link 10 and 11 section	382	
76	5 link 12 and 13 section	383	
77	6 link 14 section	395	
	*Buckwheat coal guard strips/set	77458	



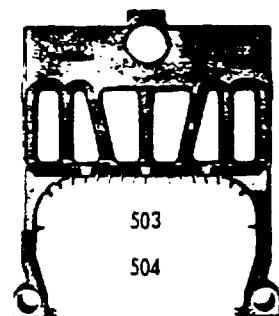
500



501



502



503

504

No. 3 Redflash boiler

note: parts used for 1B & 12B inclusive
where series not shown

sections

cat. no.	description	code letter	part no.	series no.
500	front - coal (jacket screw tapping under fire door— $\frac{1}{2}$ " to right of center)	F	3939	3B to 12B
501	front - oil (jacket screw tapping under fire door— $\frac{1}{2}$ " to right of center)	FO	3940	4B to 12B
502	front center connecting (4" flow tapping)	FCX	3941	1B to 12B
503	center (less flow boss on head)	C	3942	1B to 12B
*504	center connecting (4" flow tapping)	CX	3943	1B to 12B

*on series 1B to 7B, 4 x $\frac{3}{4}$ " bushing is furnished.

NOTE: Order must specify Cat. No. in addition to Part No.

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



no. 4 Redflash

boiler

(formerly no. 4 Ideal
Redflash boiler)

steam and water



series 88

hand fired	4-S-7 to 4-S-13 4-W-7 to 4-W-13
smokeless	4-S-9-S to 4-S-14-S 4-W-9-S to 4-W-14-S
oil fired	4-S-9-O to 4-S-14-O 4-W-9-O to 4-W-14-O
stoker fired	4-SC-7 to 4-SC-14 4-WC-7 to 4-WC-14

Cast iron repair parts for this boiler will be discontinued Dec. 31, 1976.



24 - 27



28 - 30



31 - 33



34



35



36



37



38



39



40 - 41



42 - 43



44 - 47



48 - 52

No. 4 Redflash boiler

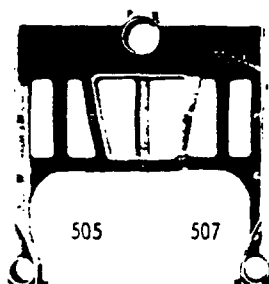
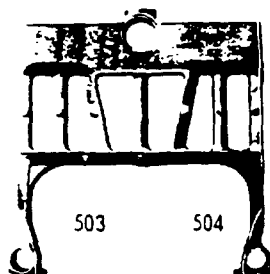
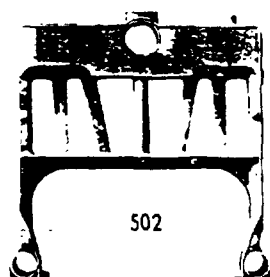
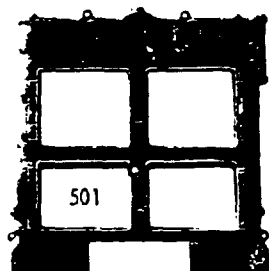
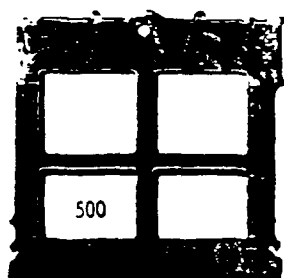
note: parts used for 8B inclusive
where series is not shown

cat. no.	description	part no.
base side panels, R.H., open		
24	6 section - 11 section assembly	866
25	7 section - 12 section assembly	867
26	8 section - 13 section assembly	868
27	10 section	889
base side panels, L.H., closed		
28	6 section - 11 section assembly	869
29	7 section - 12 section assembly	870
30	8 section - 13 section assembly	871
base side extension		
31	1 section	884
32	2 section	890
33	5 section - 11, 12, 13 and 14 section assembly	
	rear base panel	872
34	rear base panel	779
35	draft pouch	865
36	draft pouch B, fly door frame	800
37	draft B, fly door, inside half	801
38	draft B, fly door, outside half	802
39	draft opening cover plate - oil, 4B to 8B	883
40	grate bar, pea coal - regular, L.H.	873
41	grate bar, pea coal - regular, R.H.	874
42	grate bar, buckwheat - L.H.	886
43	grate bar, buckwheat - R.H.	887
grate connecting bars		
44	3 link L, front 7 and 8 section	782
45	4 link L, front 9 and 10 section	783
46	5 link L, front 11 and 12 section	784
47	6 link L, front 13 and 14 section	785
grate connecting arms		
48	2 blank L, rear 7 section	786
49	3 blank L, rear 8 and 9 section	787
50	4 blank L, rear 10 and 11 section	788
51	5 blank L, rear 12 and 13 section	789
52	6 blank L, rear 14 section	790

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

161

00742



No. 4 Redflash boiler

note: parts used for 8B inclusive
where series is not shown

sections

cat. no.	description	code letter	part no.	series no.
500	front — coal (center jacket screw tappings under cleanout and fire doors $\frac{1}{4}$ " to right of center)	F	4140	3B to 8B
501	front — oil (17 $\frac{1}{4}$ " burner opening at bottom)	FO	4141	4B to 8B
502	front center connecting	FCX	4142	1B to 8B
†503	center (less flow boss on head)	C	—	1B to 8B
504	center connecting (with flow boss on head)	CX	4143	1B to 8B
†506	rear center (less flow boss on head)	RC	—	1B to 8B
507	rear center connecting (with flow boss on head)	RCX	4144	1B to 8B

†Not available (substitute No. 504 w plugged flow tapping for No. 503 &
No. 507 w plugged flow tapping for No. 506)

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

163

00744

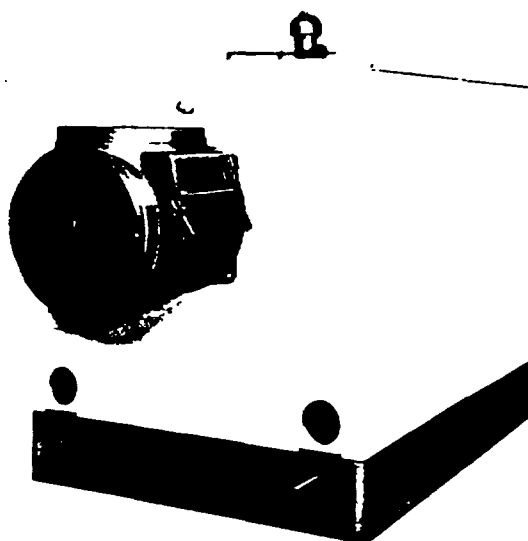
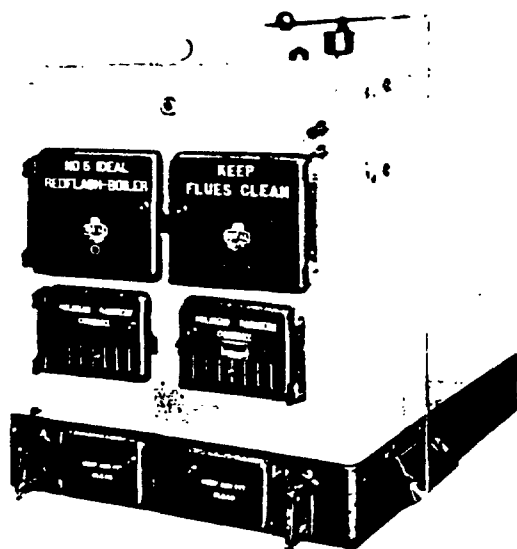


no. 5 Redflash

boiler

(formerly no. 5 Ideal
Redflash boiler)

steam and water



series 1B to 3B

hand fired	5-S-8 to 5-S-17 5-W-8 to 5-W-17
smokeless	5-S-9-S to 5-S-17-S 5-W-9-S to 5-W-17-S
oil fired	5-S-10-O to 5-S-17-O 5-W-10-O to 5-W-17-O
stoker fired	5-SC-8 to 5-SC-17 5-WC-8 to 5-WC-17

Cast iron repair parts for this boiler will be discontinued Dec. 31, 1976



43



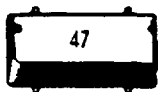
44



45



46



47



48



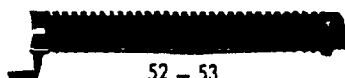
49



50



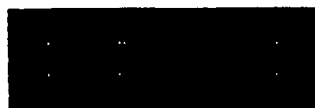
51



52 - 53



54 - 55



56 - 57



58



59 - 61



62 - 63



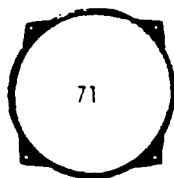
64 - 66



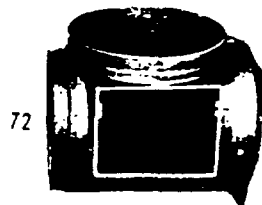
67 - 68



69 - 70



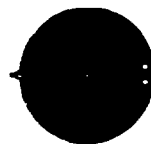
71



72



73



74



75



76

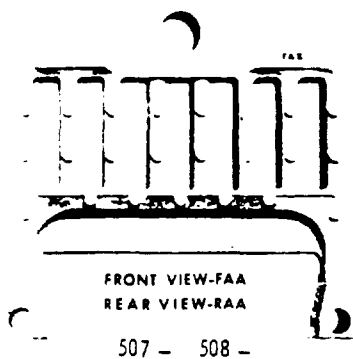
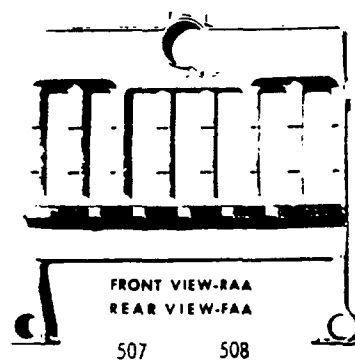
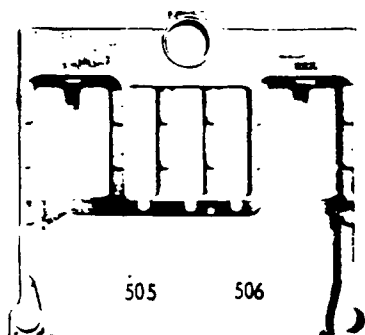
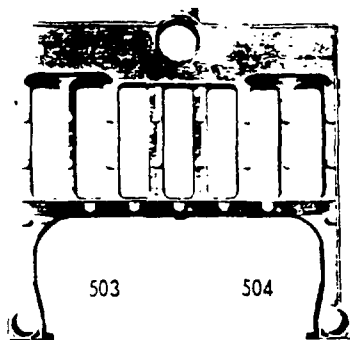
No. 5 Redflash boilernote: parts used for 1B to 3B inclusive
where series is not shown

cat. no.	description	part no.	series n
43	rear cleanout door	879	1B & 3B
44	rear cleanout door lining	777	1B & 3B
45	rear cleanout door hinge	876	1B & 3B
46	rear cleanout door catch	740	1B & 3B
47	draft pouch	865	1B & 3B
48	draft B. fly door frame	800	1B & 3B
49	draft B. fly door, inside half	801	1B & 3B
50	draft B. fly door, outside half	802	1B & 3B
51	draft opening cover plate - oil	883	2B & 3B
52	grate bar, L.H., pea coal, regular	911	1B & 3B
53	grate bar, R.H., pea coal, regular	912	1B & 3B
54	grate bar, L.H., buckwheat	951	1B & 3B
55	grate bar, R.H., buckwheat	950	1B & 3B
56	single dead plate	945	1B & 3B
57	double dead plate	946	1B & 3B
58	rear dead plate	944	1B & 3B
grate connecting bars left front half			
59	3 link, 8 section	923	1B & 3B
60	4 link, 9, 10, 12, 13 and 14 section	924	1B & 3B
61	5 link, 11, 15, 16 and 17 section	925	1B & 3B
grate connecting arms left rear half			
62	3 blank, 8, 9, and 12 section	926	1B & 3B
63	4 blank, 10, 11, 13, 14, 15, 16 and 17 section	927	1B & 3B
grate connecting arms right front half			
64	3 blank, 8 section	928	1B & 3B
65	4 blank, 9, 10, 12, 13 and 14 section	929	1B & 3B
66	5 blank, 11, 15, 16 and 17 section	930	1B & 3B
grate connecting bars right rear half			
67	3 link, 8, 9 and 12 section	931	1B & 3B
68	4 link, 10, 11, 13, 14, 15, 16 and 17 section	932	1B & 3B
69	connecting arm slot cover plate	3014	
70	connecting arm slot cover strap	3015	
71	smoke collar - oil and stoker	953	3B
72	smokehood	903	
73	smokehood cap, 2 pieces	949	
74	smokehood choke damper	908	
75	smokehood choke damper bearing	863	
76	smokehood damper lever	864	

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

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00748



No. 5 Redflash boiler

note: parts used for 1B to 3B inclusive
where series is not shown

cat. no.	description	code letter	part no.	series no
†503	center (less flow boss on head)	C	—	1B to 3B
504	center connecting (with flow boss on head)	CX	4154	1B to 3B
**505	rear center (less flow boss on head)	RC	—	1B to 3B
506	rear center connecting (with flow boss on head)	RCX	4161	1B to 3B
*507	front or rear auxiliary air (less flow boss on head)	FA or RA	—	1B & 3B
508	front or rear auxiliary air connecting (with flow boss on head)	FAX or RAX	4157	1B & 3B

†Not available (substitute no. 504 with flow tapping plugged)

*Not available (substitute no. 508 with flow opening plugged)

**Not available (substitute no. 506 with flow opening plugged)

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

169

00750