

Order Oil Burner Repair Parts
from
H.C. OSWALD SUPPLY CO., INC.
120 East 124 Street
New York, N.Y. 10035
212-722-7000
(Closed between 12:00 & 1:00 PM EST)



contents

oil burner number	boiler number	page number
DH	A-3, V-3M, etc.	3-5
DH-F	DP(T), VP(T), V-3	4-5
LC-334 LC-534-A	PFA-3	6-7
LC-534-AD HC-34-AD	FRA-5	6-7
95A 96A 96AB	PFA-504 thru 509	8-9
96AT	PFA-510	10-11
96A-HiLo	PFA-504 thru 510	10-11
97AT-4	PFA-511 thru 515	10-11
97A-HiLo	PFA-511 thru 517	10-11
98A-HiLo	PFA-518 thru 521	10-11
burner mounting accessories		12

Important: see ordering instructions page 222

Note: — Parts of burners on pages 226 thru 231 are shown
for ordering assistance only. Prices on request.

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This Price List has been prepared for the convenience of American-
Standard distributors and their trade customers only. The list prices shown
do not purport to represent actual resale prices in any particular market.

— — —

Terms

Net — 15th Prox
Minimum charge per invoice — \$10.00 net exclusive of carrier charges.
Handling charge on returned items (only after permission granted) — 25%

oil burner repair parts

Effective

June 15, 1976

INSTRUCTIONS FOR ORDERING REPAIR PARTS

IMPORTANCE OF MODEL AND SERIES NUMBERS:

In order to make certain that the parts you order will fit, it is necessary to give the Model, Series and U.L. number, which are found on a small plate on the oil burner blower housing or on the end plate of Arcoflame Oil Burners, for example, Model DH-5, Series T-1. If possible include boiler and series numbers.

When it is impossible to find the Model and Series numbers, draw a free-hand sketch of the part giving the main dimensions and send it with the order.

WHAT TO SPECIFY ON ALL ORDERS:

1. Quantity of each item wanted.
2. Part number and description, as shown in this book.
3. Model number of burner, for example, DH-6.
4. Series number of burner, for example, T-1.
5. Boiler number, for example, PFA-34 series 1B-J1.
6. Spray angle and capacity in gallons should be specified for oil burner nozzles.
7. Specify method of shipment.

American-Standard DH oil burner

illus. no.	description	DH-5	DH-6	DH-8		DH-15
		part no.	part no.	part no.	list price	part no.
1	rear cover plate assem. with cad cell detector	31158	31159	31160	\$18.00	31161
2	oil pipe	17573	17574	17575	4.00	17576
2A	oil pipe filler rod (not shown)	17571 ⁽¹⁾	—	—	—	—
3	electrode-insulator assem. R.H.	15156	15156	15156	1.50	15156
3A	electrode-insulator assem. L.H.	15156	15156	15156	1.50	15156
4	bus bars for vertical mounted electrodes: upper or lower (not shown)	17579	17580	17581	**	17582
	bus bars for horizontal mounted electrodes:					
4A	upper	11386	11388	11390	2.50	11392
4B	lower	11387	11389	11391	2.50	11393
5	electrode and disk holder	17587	17587	17587	3.00	17587
6	electrode clamp assembly	15146	15146	15146	3.00	15146
7	disk: gph dia.					
7A	0.55-1.10 3 1/16"	15149	—	—	—	—
7B	0.90-1.85 3"	15150	15150	15150	3.00	15150
7C	0.65-3.00 has legs	15151	15151	15151	4.00	15151
8	positioning spring leg	15155	15155	15155	1.50	15155
9	nozzle adaptor	74468	74468	74468	3.00	74468
9A	spinner retaining ring for nozzle adaptor	—	—	—	—	—
10	inner assem. alignment block	17578	17578	17578	2.50	17578
11	oil pipe brass elbow fitting	98347	98347	98347	1.60	98347
12	bus bar support assembly (not shown)	—	—	—	—	94189
13	12 blade spinner assembly	—	—	—	—	—
14	DH complete inner burner assem. (consists of Cat. Nos. 2-13) specify disk - turb. combination					
	No. gph					
	R1 0.55-1.10	17559	—	—	—	—
	R2 1.00-1.85	17560	—	—	—	—
	1 0.65-1.10	17559	17562	19246	34.00	19237
	2 0.90-1.75	17560	17563	17565	34.00	17567
	3 1.80-2.50	17561	17564	17566	34.00	17568
	4 2.35-3.00	17561	17563	17566	34.00	17568
15	DH-F inner burner assem.	—	—	—	—	—
16	nozzles - specify size gph, spray angle, solid or hollow	—	—	—	2.25	—
17	motor, 1/2 hp. 115 V. 60 HZ 1725 RPM	28571	28571	28571	56.00	28571
18	blower wheel	15206	15206	15206	6.00	15206
19	blower housing assembly	20992	20992	20992	38.00	20992
20	air adjustment slide	17539	17539	17539	2.00	17539
21	air adjustment indicator	17541	17541	17541	1.30	17541
22	air adjustment slot cover	17540	17540	17540	1.20	17540
23	single stage fuel unit	30927	30927	30927	41.00	30927
23A	two stage fuel unit	12794	12794	12794	59.00	12794
24	flexible coupling for single stage fuel unit	28549	28549	28549	2.50	28549
24A	flexible coupling for two stage fuel unit	27174	27174	27174	2.50	27174
25	ignition transformer, 115V. 60 HZ	17007	17007	17007	33.00	17007
26	air tube chokes:	23898	17596	17597	9.00	17598
	No. gph type dia. opening					
27A	R-1 0.55-1.10 ref. 2 1/16"	22498	—	—	—	—
27B	R-2 1.00-1.85 ref. 2 3/8"	23782	—	—	—	—
27C	1 0.65-1.10 c.i. 2 1/4"	03649	03649	03649	4.75	03649
27D	2 0.90-1.75 c.i. 2 5/8"	03650	03650	03650	4.75	03650
27E	3 1.80-2.30 c.i. 3"	03651	03651	03651	6.00	03651
27F	4 2.35-3.00 c.i. 3 3/4"	03652	03652	03652	6.90	03652
27G	F-1 0.65-1.35 c.i. 2 1/4"	—	—	—	—	—
27H	F-2 1.25-1.80 c.i. 2 5/8"	—	—	—	—	—
27I	F-3 1.80-2.80 c.i. 3"	—	—	—	—	—
28	stainless steel ring for cat. nos. 27A & 27B w/screws	22500	—	—	—	—
	oil feed line assembly:					
29	single stage fuel unit	30915	30915	30915	2.75	30915
29A	two stage fuel unit	28260	28260	28260	3.90	28260

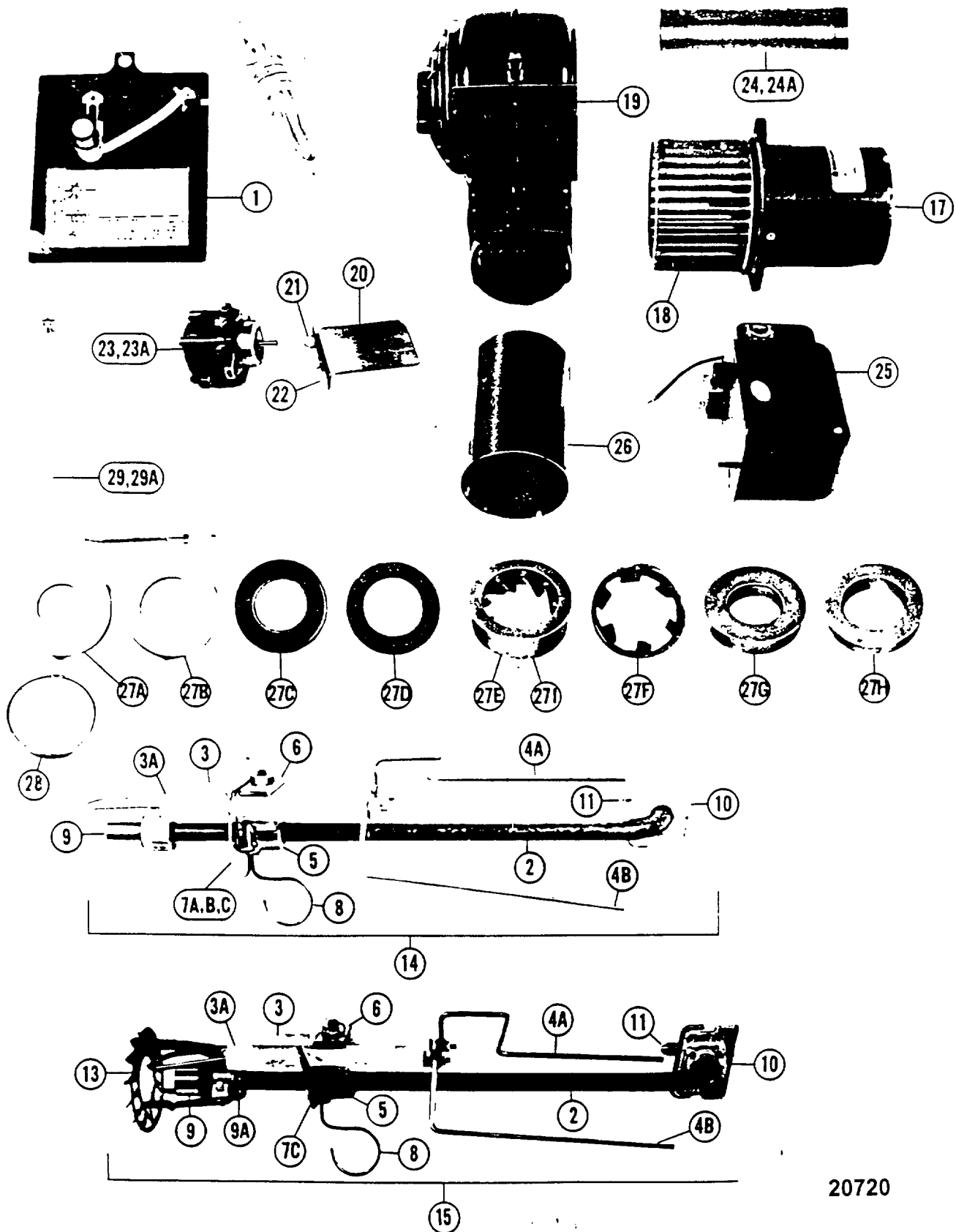
(1) used for no.'s R-1 and 1 inner burner assemblies for DH-5 burner.

**—Not available

American-Standard DH and DH-F oil burners

illus. no.	description	DH-23		DH-4F		DH-5F	
		part no.	list price	part no.	list price	part no.	list price
1	rear cover plate assem. with cad cell detector	31162		30727		30728	
2	oil pipe	17577		30729		30730	
2A	oil pipe filler rod (not shown)	—		30707		—	
3	electrode-insulator assem. R.H.	15156		30731		30731	
3A	electrode-insulator assem. L.H.	15156		30732		30732	
	bus bars for vertical mounted electrodes:						
4	upper or lower (not shown)	17583		—		—	
	bus bars for horizontal mounted electrodes:						
4A	upper	11394		32298		32305	
4B	lower	11395		32299		32300	
5	electrode and disk holder	17587		17587		17587	
6	electrode clamp assembly	15146		15146		15146	
7	disk: gph dia.						
7A	0.55-1.10 3 1/16"	—		—		—	
7B	0.90-1.85 3"	15150		—		—	
7C	0.65-3.00 has legs	15150		15151		15151	
8	positioning spring leg	15155		15155		15155	
9	nozzle adaptor	74468		30252		30252	
9A	spinner retaining ring for nozzle adaptor	—		30429		30429	
10	inner assem. alignment block	17576		17578		17578	
11	oil pipe brass elbow fitting	98347		98347		98347	
12	bus bar support assembly (not shown)	94189		—		—	
13	12 blade spinner assembly	—		31102		30733	
14	DH complete inner burner assem. (consists of Cat. Nos. 2-13) specify disk - turb. combination						
	No. gph						
	R1 0.55-1.10	—		—		—	
	R2 1.00-1.85	—		—		—	
	1 0.65-1.10	19248		—		—	
	2 0.90-1.75	17569		—		—	
	3 1.80-2.50	17570		—		—	
	4 2.35-3.00	17570		—		—	
15	DH-F inner burner assem.	—		31004		31005	
16	nozzles - specify size gph, spray angle, solid or hollow	—		—		—	
17	motor, 1/2 hp. 115 V. 60HZ 1725 RPM	28571		28571		28571	
18	blower wheel	15206		30128		30128	
19	blower housing assembly	20992		20992		20992	
20	air adjustment slide	17539		17539		17539	
21	air adjustment indicator	17541		17541		17541	
22	air adjustment slot cover	17540		17540		17540	
23	single stage fuel unit	30927		30927		30927	
23A	two stage fuel unit	12794		12794		12794	
24	flexible coupling for single stage fuel unit	28549		28549		28549	
24A	flexible coupling for two stage fuel unit	27174		27174		27174	
25	ignition transformer, 115V. 60HZ	17007		17007		17007	
26	air tube	17599		30425		30425	
	chokes:						
	No. gph type dia. opening						
27A	R-1 0.55-1.10 ref. 2 1/16"	—		—		—	
27B	R-2 1.00-1.85 ref. 2 1/4"	—		—		—	
27C	1 0.65-1.10 c.i. 2 1/4"	03649		—		—	
27D	2 0.90-1.75 c.i. 2 3/8"	03650		—		—	
27E	3 1.80-2.30 c.i. 3"	03651		—		—	
27F	4 2.35-3.00 c.i. 3 3/8"	03652		—		—	
27G	F-1 0.65-1.35 c.i. 2 1/8"	—		31164		—	
27H	F-2 1.25-1.80 c.i. 2 5/8"	—		—		31165	
27I	F-3 1.80-2.80 c.i. 3"	—		—		03651	
28	stainless steel ring for cat. nos. 27A & 27B w/screws	—		—		—	
	oil feed line assembly:						
29	single stage fuel unit	30915		30915		30915	
29A	two stage fuel unit	28260		28260		28260	

American-Standard DH and DH-F oil burners



20720

Note: Above is a simulated representation of all burners shown on this parts list and is not intended to be identical in appearance to any specific model.

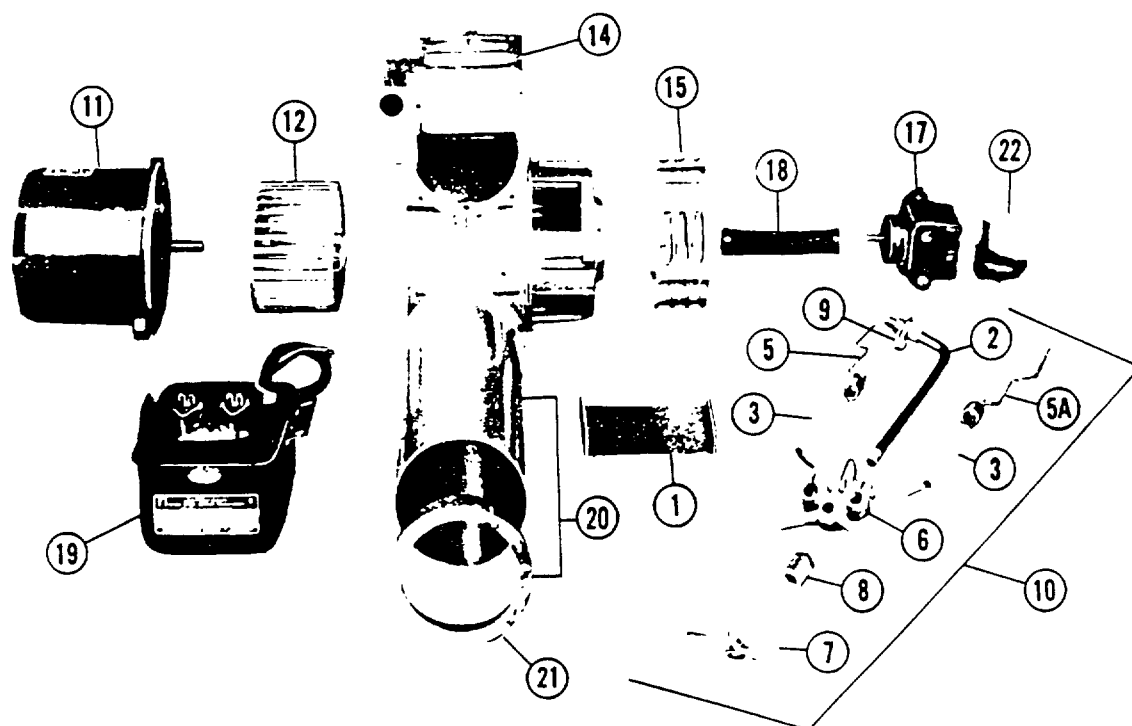
American-Standard LC-334, LC-534 and HC-34 oil burners

illus. no.	description	LC-334-A3 PFA-34		LC-334-A PFA-35		LC-534-A PFA-36 & 37		LC-534-AD FRA-504 - 507		HC-34-A-D FRA-508 - 511	
		part no.		part no.		part no.		part no.		part no.	
1	housing back cover plate	S42291		S42291		S42291		S42291		S40611	
2	oil pipe	T40201		T40201		T40201		T40201		T40211	
3	electrode R or L	E40392		E40392		E40392		E40392		E40351	
4	electrode bushing R or L	—		—		—		—		E40041	
5	bus bar, Right	E41161		E41161		E41161		E41161		E40462	
5A	bus bar, Left	E41161		E41161		E41161		E41161		E40461	
6	electrode support assembly	A42640		A42640		A42640		A42640		A41191	
7	flame retention cup	A40752		A40752		A40752		A40752		A40711	
8	nozzle adaptor	S41851		S41851		S41851		S41851		S42352	
9	oil pipe slide plate	C40441		C40441		C40441		C40441		C41441	
10	inner burner assembly (2-9)	A41633		A41633		A41633		A41633		A41171	
11	motor $\frac{1}{4}$ H.P. 115V, 60HZ	M40061		M40061		M40061		M40061		—	
11A	motor $\frac{1}{2}$ H.P. 115V, 60HZ	—		—		—		—		M40431	
12	blower wheel	F40191		F40191		F40191		F40191		F40052	
13	blower wheel extension shaft	—		—		—		—		S41112	
14	blower housing assembly	C41231		C41231		C41231		C41231		C40351	
15	air adjustment band	S42301		S42301		S42301		S42301		—	
15A	air shutter, 2 required	—		—		—		—		C40551	
16	air inlet guard	—		—		—		—		S40861	
17	two stage fuel unit	P40072		P40072		P40072		P40072		P40075	
18	flexible coupling assembly	A40541		A40541		A40541		A40541		A40611	
19	ignition transformer 115V, 60HZ	M40301		M40301		M40301		M40301		M40291	
20	air tube w/flange, end cone ¹	A42821		A42831		A42841		A42845		A42961	
21	end cone	C41341		C41321		C41331		C41331		—	
22	instant oil valve	E41151		E41151		E41151		—		E41151	
	delayed oil valve	—		—		—		E41021		—	
23	cad cell w/mount & leads	F41251		E41251		E41251		E41251		E41251	
24	photocell mounting bracket	C40531		C40531		C40531		C40531		C40531	
25	electronic delay timer	E41365		E41365		E41365		—		—	

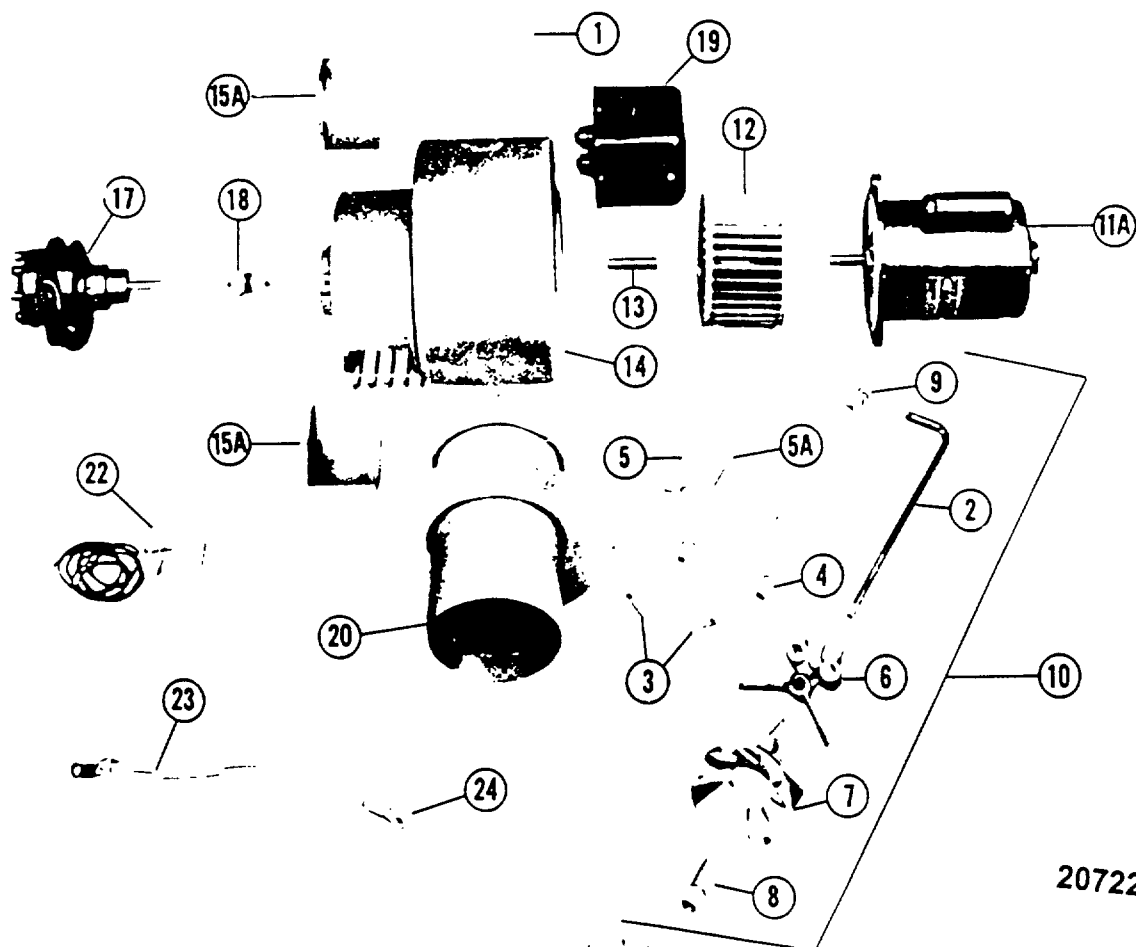
(1) end cone not required for HC-34 burner

.. price on application

American-Standard LC-334 and LC-534 oil burners



American-Standard HC-34 oil burner



20722

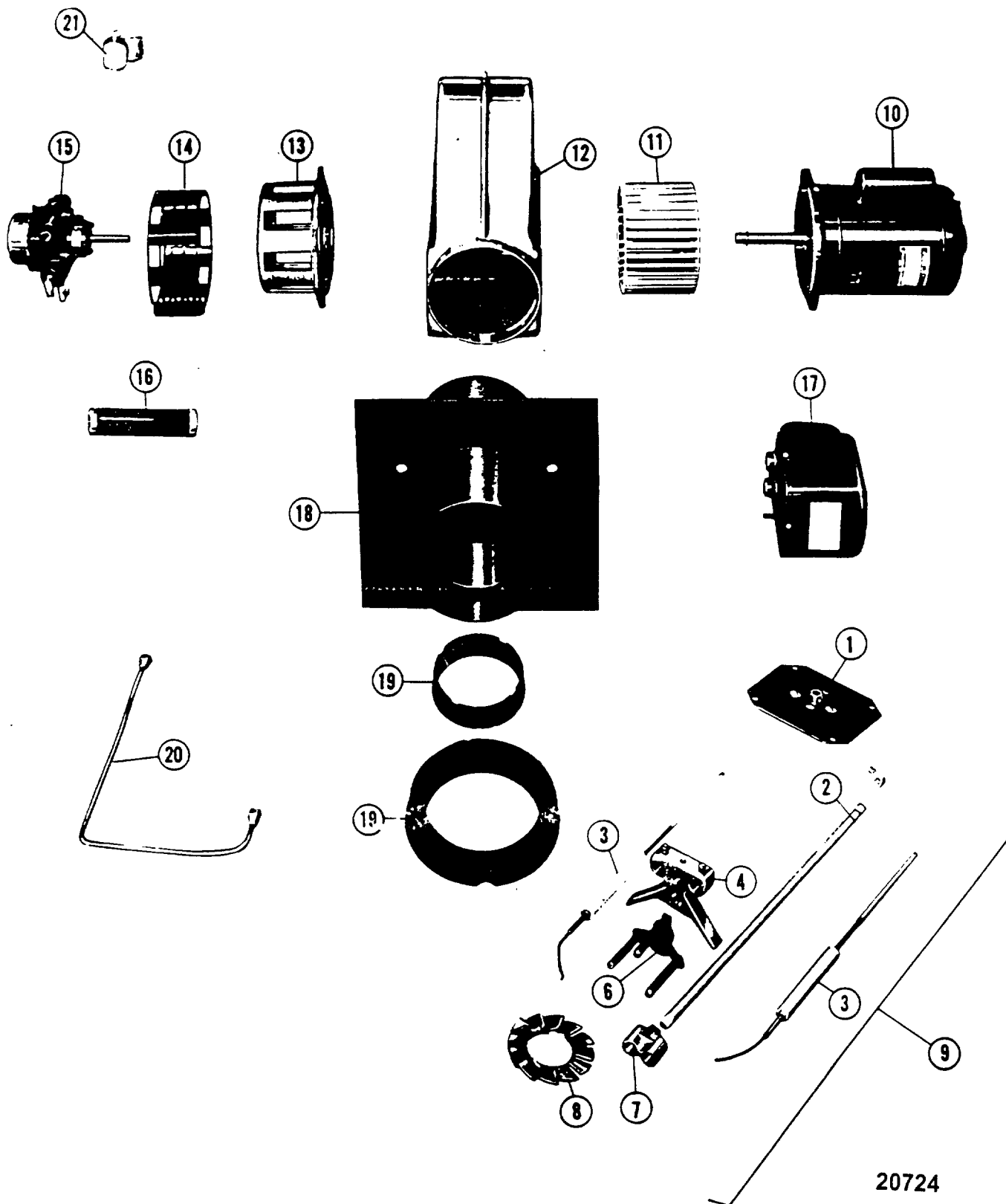
Note: Above is a simulated representation of all burners shown on this parts list and is not intended to be identical in appearance to any specific model.

American-Standard 95A, 96A and 96AB oil burners

illus. no.	description	96AB PFA-507 thru 509		
		part no.		
1	drawer cap assy.	8102		
2	drawer (oil) pipe	9067-10 ¹ / ₂ "		
3	right electrode rod assy.	A12413-10 ¹ / ₂ "		
3A	left electrode rod assy.	A12414-10 ¹ / ₂ "		
4	electrode support assy.	SA12011		
5	static pressure disc	12016-3 solid		
6	mounting yoke assy.	SA11424		
7	double nozzle adaptor	9486		
8	12 blade spinner	12416-3 ¹ / ₂ "		
9	drawer assy. (complete)	SA12415-10 ¹ / ₂ "		
10	motor - 1/2 H.P. - 3450 R.P.M.	6781		
	motor - 1/2 H.P. - 3450 R.P.M.	—		
11	blower wheel assy.	A10923		
12	blower housing assy.	SA11105		
13	air inlet housing or cover	10958		
14	air inlet or damper assy.	SA8491		
15	fuel pump - 3450 R.P.M.	9758		
16	flexible coupling assy.	SA12014-4 ¹ / ₂ "		
17	ignition transformer (115V 60 HZ)	6850		
		{ A12833-10 ¹ / ₂ -3 ¹ / ₂ " (507) A12848-10 ¹ / ₂ -3 ¹ / ₂ " (508) A12848-10 ¹ / ₂ -3 ¹ / ₂ " (509)		
18	air tube assy. - with flange	A12841-10 ¹ / ₂ -2 ¹ / ₂ "		
19	choke	230006-4 ¹ / ₂ "		
20	oil line assy.	SA9492		
21	oil valve	V4046B1007		

• • Price on application

American-Standard 95A, 96A and 96AB oil burners



20724

Note: Above is a simulated representation of all burners shown on this parts list and is not intended to be identical in appearance to any specific model.

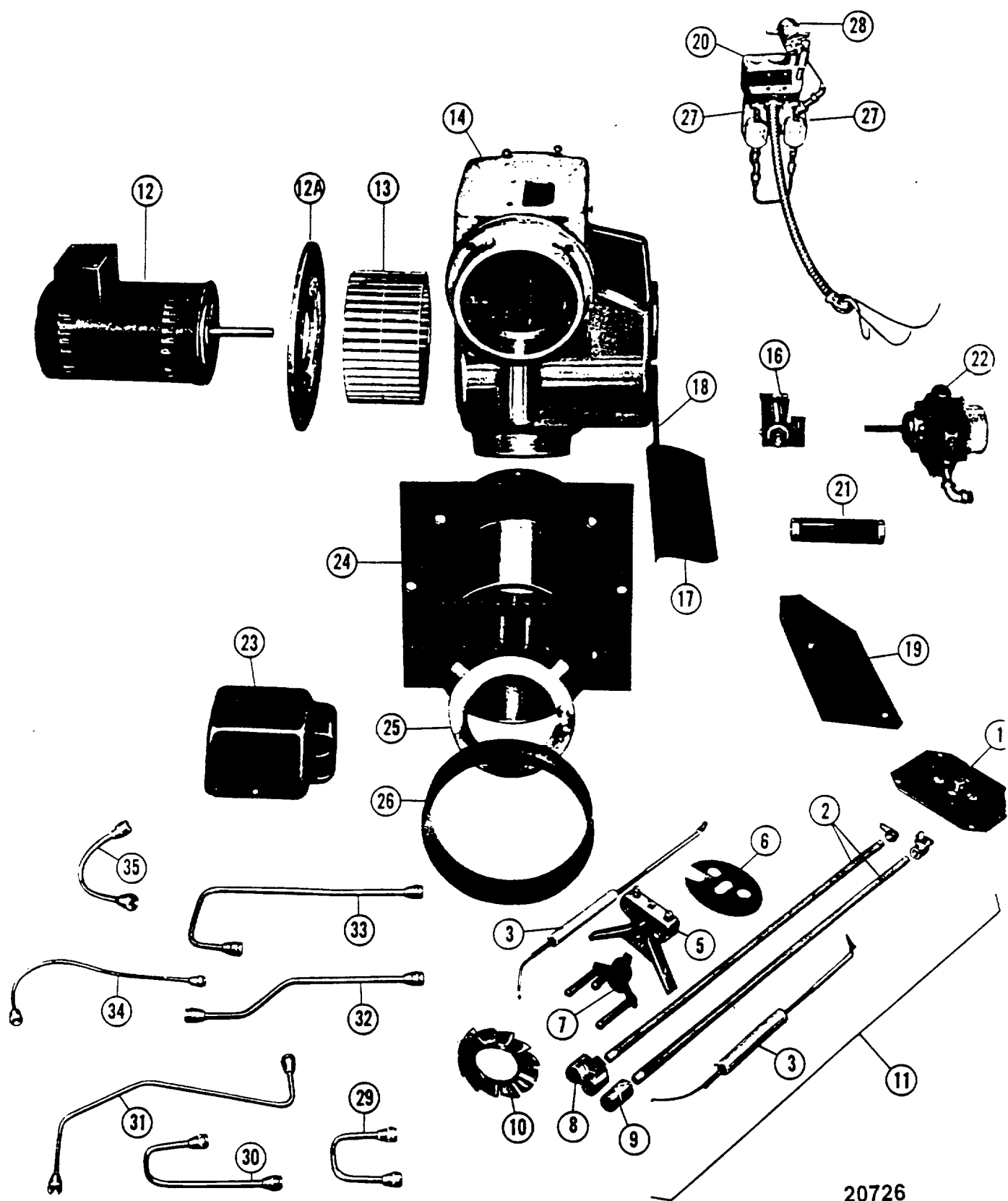
American-Standard 96AT, 97AT-A, 96A-HiLo, 97A-HiLo and 98A-HiLo oil burners

illus. no.	description	96-A-HiLo PFA-504 thru 510 (opt)				97-A-HiLo PFA-511 thru 517				98-A-HiLo PFA-518 thru 521			
		part no.	part no.	part no.	part no.	part no.	part no.	part no.	part no.	part no.	part no.	part no.	part no.
1	drawer cap	SA10607	8102	SA10607	8102	SA10607	SA10607	SA10607	SA10607	SA10607	SA10607	SA10607	SA10607
2	drawer oil pipe (2 req'd)	10410-10 ¹ / ₂ "	9067-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	9067-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	10410-10 ¹ / ₂ "	10410-10 ¹ / ₂ "
3	electrode rod assys (2 req'd)	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "	left-A11490-10 ¹ / ₂ "
4	drawer pipe tie blocks	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "	right-A11499-10 ¹ / ₂ "
5	electrode support assy	9711	9711	9711	9711	9711	9711	9711	9711	9711	9711	9711	9711
6	static pressure disc	SA11087	SA12026	SA11087	SA12026	SA11087	SA12026	SA11087	SA12026	SA11087	SA12026	SA11087	SA12026
7	mtg. yoke & spacer assy	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid	12016-3" solid
8	double nozzle adaptor	SA12012	SA12012	SA12012	SA12012	SA12012	SA12012	SA12012	SA12012	SA12012	SA12012	SA12012	SA12012
9	single nozzle adaptor	9486	9486	9486	9486	9486	9486	9486	9486	9486	9486	9486	9486
10	twelve blade spinner	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128
11	complete drawer assy	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "	SA11497-10 ¹ / ₂ "
12	motor (115V/60 Cy) (3450 RPM)	11404	11404	11404	11404	11404	11404	11404	11404	11404	11404	11404	11404
12A	motor adaptor flange only	—	—	—	—	—	—	—	—	—	—	—	—
13	blower wheel assy	A10923	A10923	A10923	A10923	A10923	A10923	A10923	A10923	A10923	A10923	A10923	A10923
14	blower housing assy	SA11105	SA11105	SA11105	SA11105	SA11105	SA11105	SA11105	SA11105	SA11105	SA11105	SA11105	SA11105
15	air inlet hsg & cylinder (1)	10958	10958	10958	10958	10958	10958	10958	10958	10958	10958	10958	10958
15A	air inlet band assy	SA8491	SA8491	SA8491	SA8491	SA8491	SA8491	SA8491	SA8491	SA8491	SA8491	SA8491	SA8491
16	oil cylinder assy	—	—	—	—	—	—	—	—	—	—	—	—
17	lower air shutter assy	—	—	—	—	—	—	—	—	—	—	—	—
18	linkage arm	—	—	—	—	—	—	—	—	—	—	—	—
19	upper air shutter assy	—	—	—	—	—	—	—	—	—	—	—	—
20	repl. valve - outlet box assy	—	—	—	—	—	—	—	—	—	—	—	—
21	flexible coupling assy	—	—	—	—	—	—	—	—	—	—	—	—
22	fuel pump	A11110	A11110	A11110	A11110	A11110	A11110	A11110	A11110	A11110	A11110	A11110	A11110
23	ignition transformer (115V 60HZ)	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "	SA12014-4 ¹ / ₂ "
24	air tube assy w/flange	9758	9758	9758	9758	9758	9758	9758	9758	9758	9758	9758	9758
25	inner choke or stabilizer ring	6850	6850	6850	6850	6850	6850	6850	6850	6850	6850	6850	6850
26	outer choke	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "	A12848-10 ¹ / ₂ "-3 ¹ / ₄ "
27	instantaneous oil valve	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "	12412-5 ¹ / ₂ "
28	3 way instant oil valve	—	—	—	—	—	—	—	—	—	—	—	—
29	oil line assy (1st stage inst. to	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)	13549-5 ¹ / ₂ " (511)
30	2nd stage delayed or 3-way oil valve	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)	10449 (512-513)
31	oil line assy (1st stage inst. valve to	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)	11329 (514-515)
32	1st stage drawer pipe)	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "	10475-6 ¹ / ₂ "
33	oil line assy (2nd stage or 3-way valve to	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007	V4046B1007
34	2nd stage drawer pipe)	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400	V54DB1400
35	oil line assy (2nd stage 3-way valve to	A13396	A13396	A13396	A13396	A13396	A13396	A13396	A13396	A13396	A13396	A13396	A13396
36	fuel pump)	A13417	A13417	A13417	A13417	A13417	A13417	A13417	A13417	A13417	A13417	A13417	A13417
37	oil line assy (2nd stage delayed oil	A13416	A13416	A13416	A13416	A13416	A13416	A13416	A13416	A13416	A13416	A13416	A13416
38	valve to oil cylinder assy)	A13422	A13422	A13422	A13422	A13422	A13422	A13422	A13422	A13422	A13422	A13422	A13422
39	2nd stage delayed oil valve to	—	—	—	—	—	—	—	—	—	—	—	—
40	2nd stage 3-way valve)	—	—	—	—	—	—	—	—	—	—	—	—

(1) AT Burners do not require an oil cylinder as part of air inlet assy.

** Price on application.

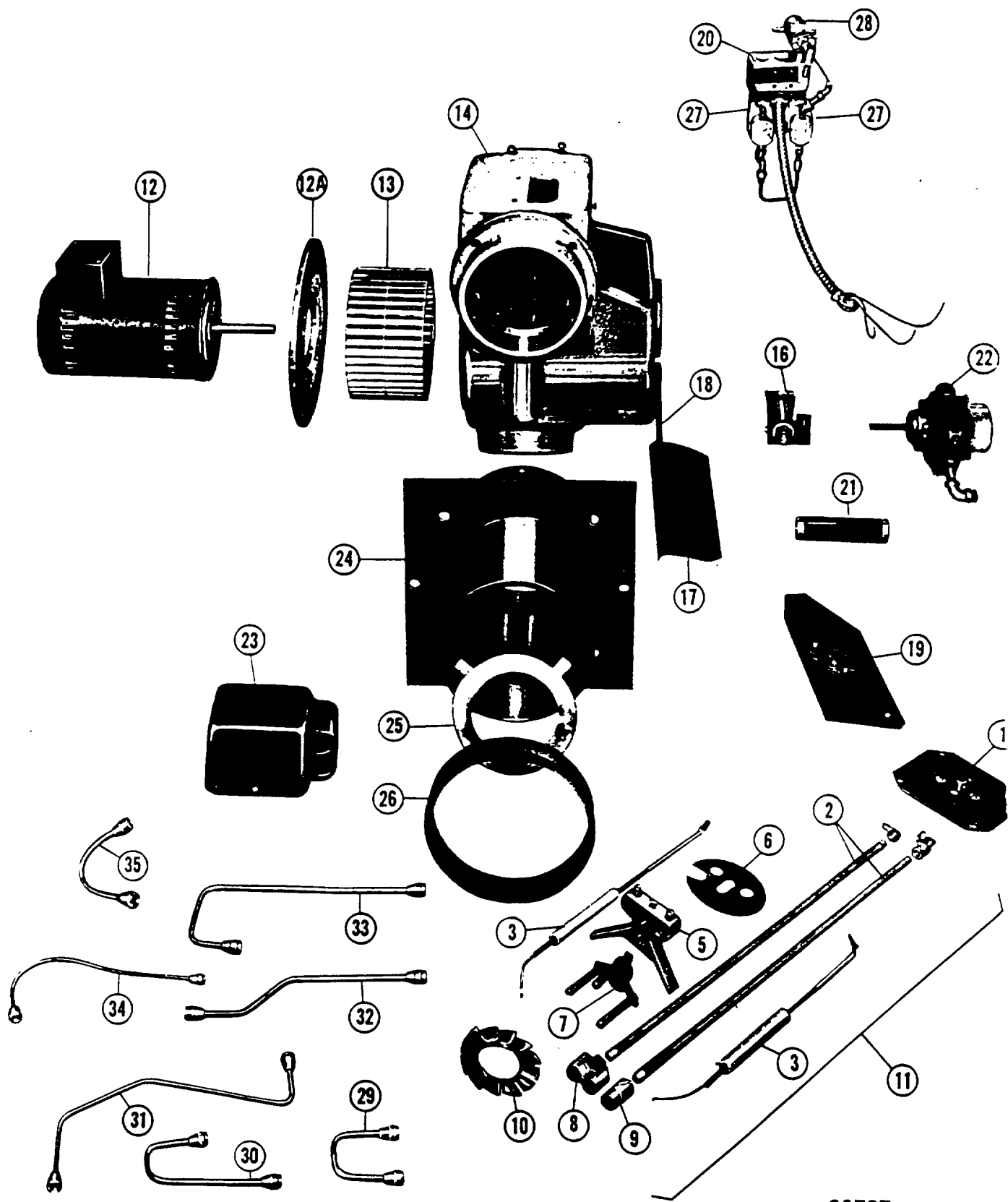
American-Standard 96AT, 97AT-A, 96A-HiLo, 97A-HiLo and 98A-HiLo oil burners



20726

Note: Above is a simulated representation of all burners shown on this parts list and is not intended to be identical in appearance to any specific model.

American-Standard 96AT, 97AT-A, 96A-HiLo, 97A-HiLo and 98A-HiLo oil burners

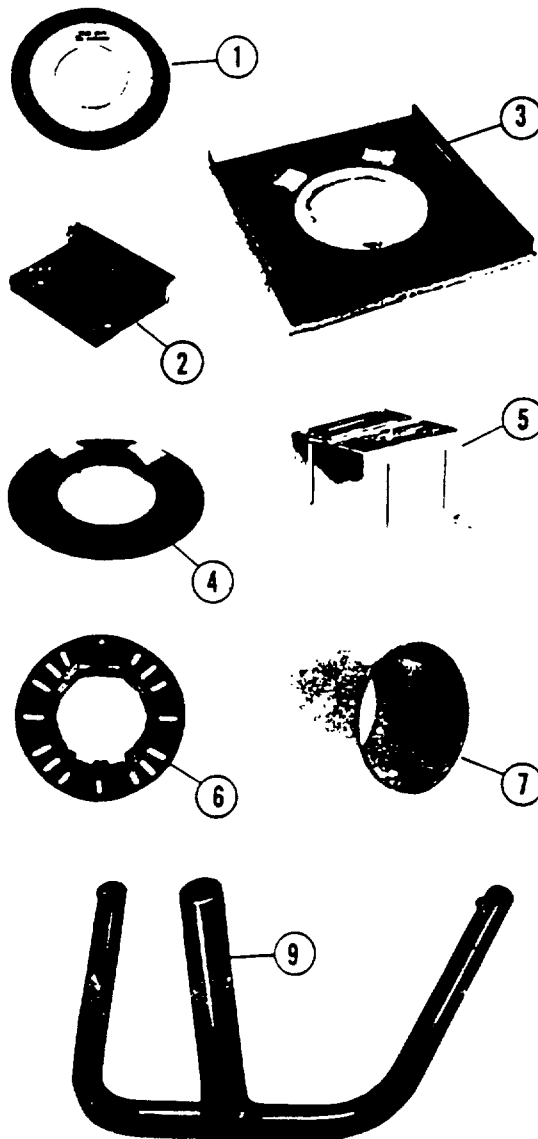


20727

Note: Above is a simulated representation of all burners shown on this parts list and is not intended to be identical in appearance to any specific model.

American-Standard Arcoflame oil burner—mounting accessories

illus. no.	description	used with burner model	part no.	list price
1	pressure ring assembly for V-3, A-3, Arco-leader series 2B, 3B, Arcoliner series 3B, Oakmont series 2B	DH	25794	\$ 6.50
2	burner mounting bracket for Severn series 2B, 3B	DH	95942	12.00
3	pressure plate assembly for Severn series 2B, 3B	DH	95946	12.00
4	pressure plate assembly for A-504 pedestal base	DH-5	16288	9.00
5	pedestal base	DH	17607	8.00
6	flange mounting bracket	DH	07575	12.00
7	draft tube sleeve: Oakmont and Severn VP(T)	DH 95440 DH-F 31396	12.00 12.00	
8	VP(T) insulation ring A5 insulation ring V3 insulation ring	DH-F 25797 DH 16289 DH-F 25796	6.50 6.50 6.50	
9	pedestal mount:	{ for 97AT-A A9341-9 $\frac{1}{4}$ " 36.00 97AH ₁ Lo { for 98AH ₁ Lo A10606-13 $\frac{1}{4}$ " 36.00		



H.C. OSWALD SUPPLY CO., INC.
 120 East 124 Street — New York, N.Y. 10035
 212-722-7000
 (Closed between 12:00 & 1:00 PM-EST)

foreword

This catalog comprises a complete and comprehensive list of all available American-Standard boiler parts. Regardless of model, all components are made from original patterns, and are of the same precision design and quality construction as the original parts.

All previous descriptions or list prices for the same items, shown in this catalog, are withdrawn.

Each part is pictured, described, and coded for maximum simplicity and accuracy in ordering. The list price for each part number will be found at the back of this catalog. Adherence to the following ordering procedure will facilitate handling and eliminate error in securing parts.

SPECIFY ON ALL ORDERS:

1. Part number and description as shown in this catalog.
2. *Exact series number and boiler size.*
3. Exact gas specifications when involved.
4. Quantity of item desired.
5. Method of shipment.

RIGHT-HAND AND LEFT-HAND PARTS:

Right and left hand parts are those on your right or left as you face the front of the unit. The front is the face of the unit which carries the name and number plate.

This catalog has been prepared for the convenience of American-Standard distributors and their heating contractors. The list prices shown do not purport to represent actual resale prices in any particular market.



20729

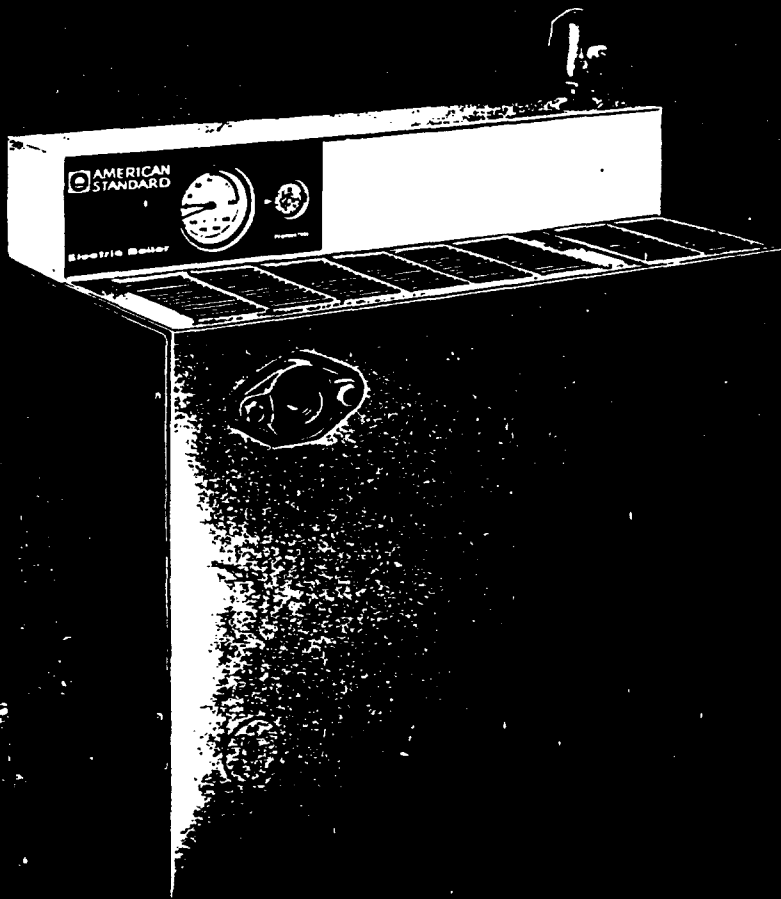
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 **AMERICAN
STANDARD**

technical catalog bulletin

Electra[®]

packaged electric boilers
hot water



AIA File No. 30 C.1 September, 1970

20730

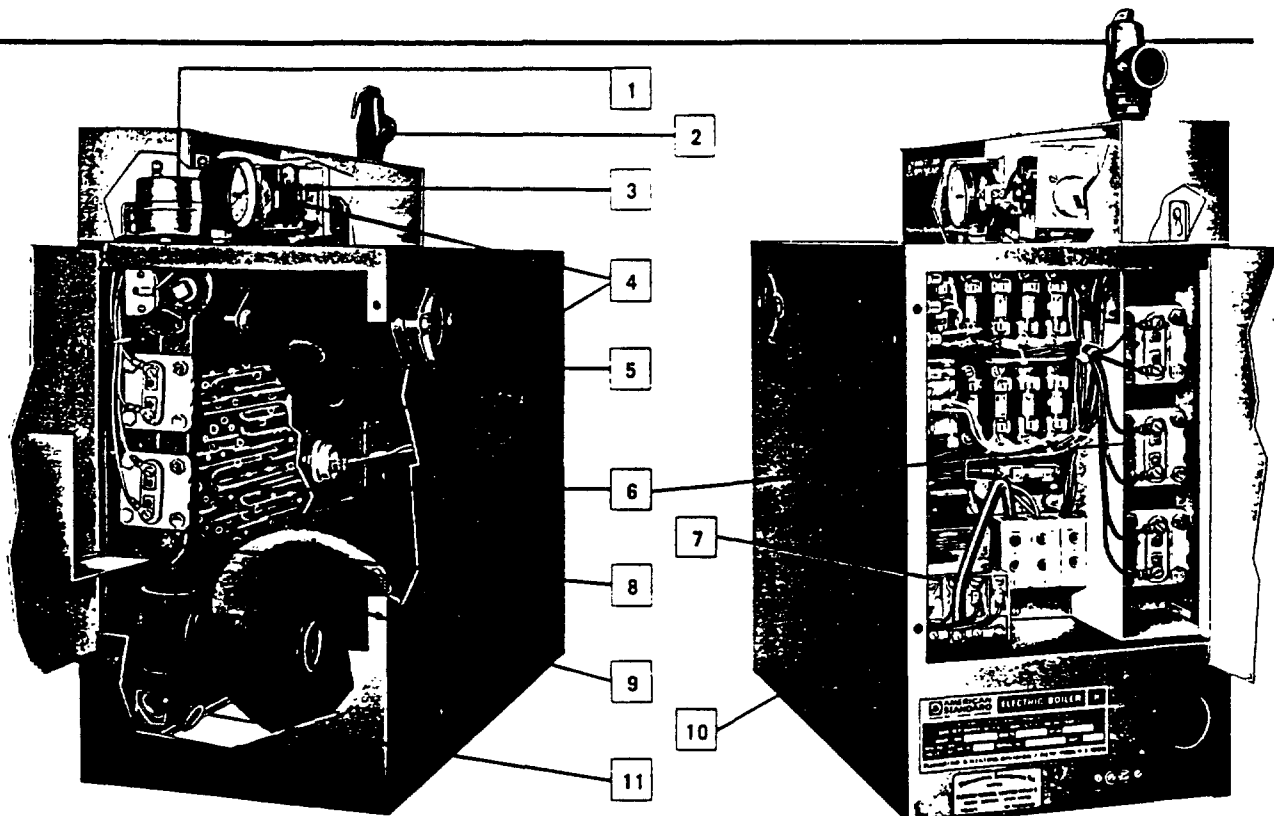
new *Electra*[®] electro-hydraulic cast iron boilers — completely packaged for fast installation

For the ultimate in modern electric heating, choose the new Electra boilers! They provide the superior comfort and convenience of a hydronic heating system, while using clean, flameless electricity as a fuel. Designed for forced water applications in new homes or old, these electric boilers have outputs ranging from 34,000 to 82,000 Btuh. Their lightweight and extra-compact design make them ideal for wall-mounting, thereby freeing valuable floor space for other uses.

New Electra boilers are fast and low-cost to install, without requiring any new steps of the hydronics contractor that haven't been done before! They are completely pack-

aged, with cast iron boiler shell, electric heating elements, circulator and expansion tank inside the jacket. All wiring has been completed and controls are mounted in place. Piping connections are made fast and easy—with only two simple electrical connections needed, to main power supply and room thermostat.

Electra (model EP) boilers come in four models, all the same in jacket and casting size, regardless of the number of heating elements installed. Each include those important features homeowners need for dependable, trouble-free electro-hydraulic heating—rugged construction, simplified design and sensitive limit controls.



1—automatic air vent—bleeds off trapped air from the system water.

2—water pressure relief valve—is safely remote from all electrical connections.

3—adjustable limit control—allows selection of maximum boiler water temperature for system design.

4—pre-set pressure controls—guarantee safe operation within prescribed pressure range.

5—circulator—is wired for continuous operation.

6—electric heating elements—mounted inside ends of boiler casting are low density for extra quiet performance.

7—sequencing relay switch—provides for an incremental loading on the electric service line. This reduces line-voltage fluctuation and prevents power surge during energizing.

8—cast iron boiler shell—features an internal water flow baffle for quiet, efficient operation.

9—factory-installed expansion tank—is concealed inside jacket.

10—two-tone jacket—of beige and brown has doors on each side for easy access to controls and elements.

11—drain valve—with flat wheel handle allows connection of standard hose fittings.

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Electra II

packaged electric boilers
hot water



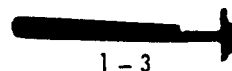
series 1B-J1

EP- 7
EP-10
EP-14
EP-17
EP-20

20732

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

cat. no.	description	part no.
heating element:		
1	2000 watt - EP-7	28728
2	3000 watt - EP-10	28729
3	4000 watt - EP-14	27659
4	5000 watt - EP-17	27660
5	6000 watt - EP-20	28730
6	heating element gasket	27661
7	drain cock	28731
8	low pressure switch	27677
9	water vessel (section)	4061
10	expansion tank	28723
11	automatic air vent	28724
12	adj. high limit control	28744
13	temperature pressure gauge	6245
14	relay	28725
15	circulator	28735
16	terminal block wiring assembly	28771
17	transformer & wiring assembly	28779



1 - 3



4 - 5



6



7



8



9



10



11



12



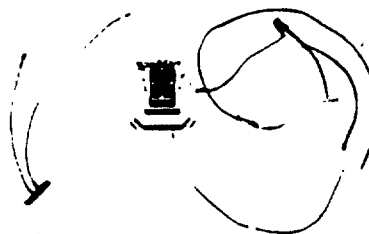
13



14



15



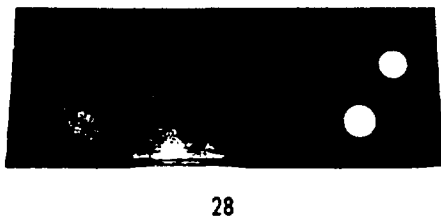
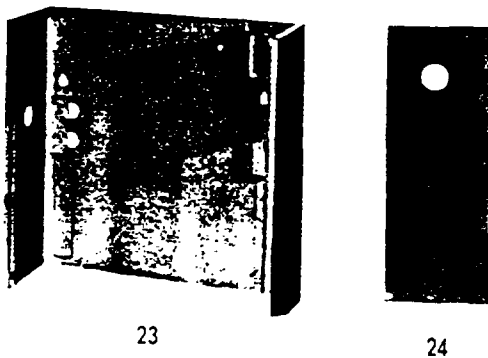
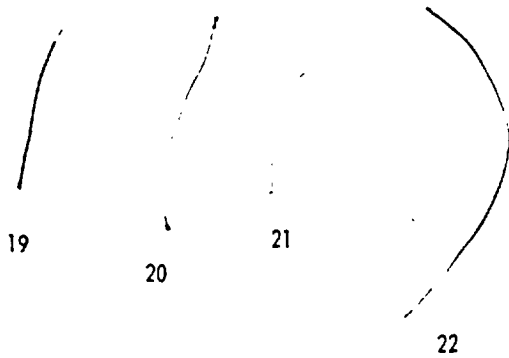
16

17

18

Electra II electric boiler hot water

note: parts are used for series 1B-J1



cat. no.	description	part no.
wiring assembly:		
18	relay to supply	28778
19	element to relay	28777
20	low pressure switch to limit	28775
21	transformer to relay coil	28776
22	limit to transformer	28774

jacket parts

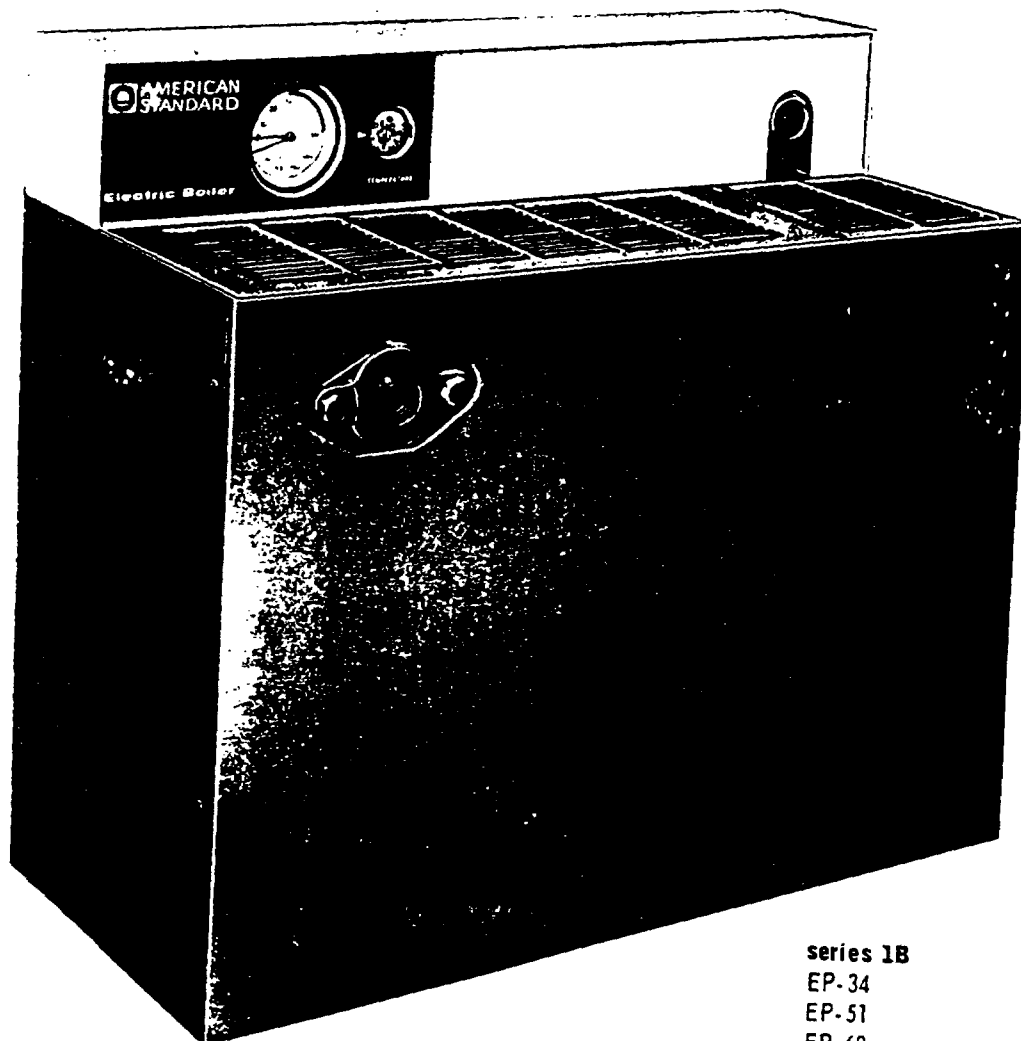
23	"U" panel assembly	28746
24	top panel	28749
25	upper front panel assembly	28750
26	lower front panel	28752
27	access panel assembly	28753
28	bottom panel	28755

20734

 **AMERICAN
STANDARD**

Electra

packaged electric boilers
hot water



series 1B

EP-34

EP-51

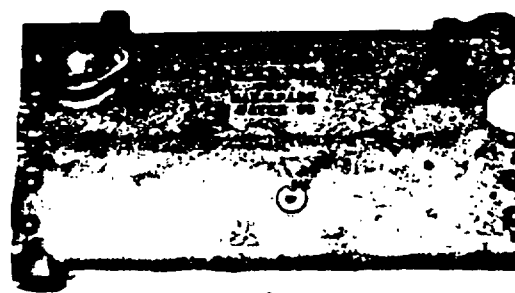
EP-68

EP-82

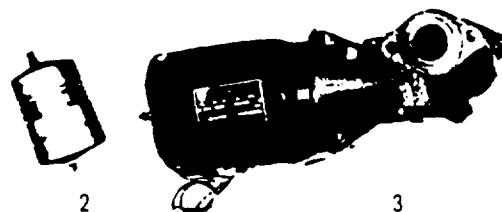
20735

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

cat. no.	description	part no.
1	water vessel (section)	4060
2	expansion tank	28723
3	circulator	27653
4	circulator gasket	6230
5	circulator flange	0600
6	two-fuse block	27670
7	four-fuse block	27671
8	six-fuse block	27672
9	fuse block — 3 terminal (for motor transformer)	27837
	heating element:	
10	4000 watts	27659
11	5000 watts	27660
12	heating element gasket	27661
13	cover plate gasket	27661
14	section cover plate	27662
15	high pressure switch	27668
16	low pressure switch	27677
17	adjustable high limit control	27665
18	automatic air vent	27667
19	temperature pressure gauge	27666
20	bracket — for temperature control	27648
21	indicator lights — (round)	27669
	indicator lights — (rectangular)	
22	with brown leads and (2) splices no. 28218	28190
23	with yellow leads and (2) splices no. 28218	28191
24	with blue leads and (2) splices no. 28218	28192
25	with orange leads and (2) splices no. 28218	28193
26	with red leads and (2) splices no. 28218	28194
27	indicator light lens (rectangular)	28195
28	drain valve	27805



1



2

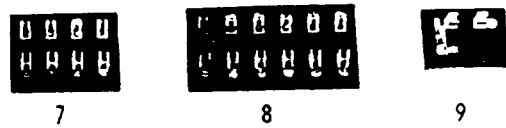
3



4

5

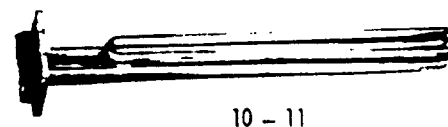
6



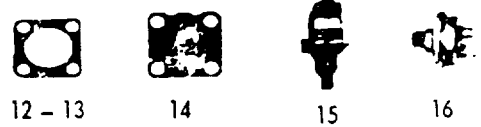
7

8

9



10 - 11

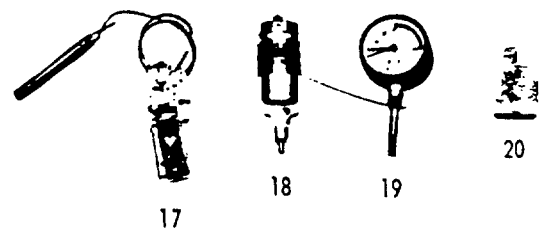


12 - 13

14

15

16

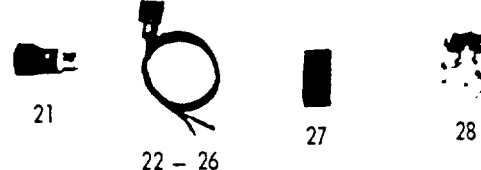


17

18

19

20



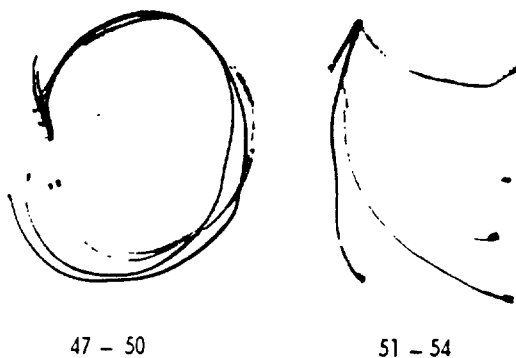
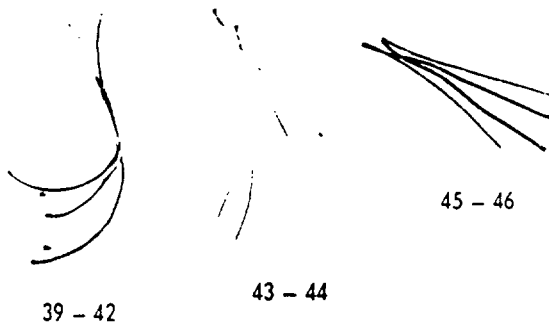
21

22 - 26

27

28

**Electra electric boiler
hot water
note: parts are used for series 1B-J1**



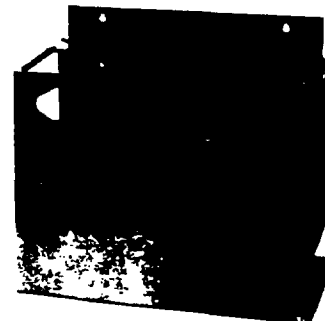
cat. no.	description	part no.
	terminal block "L" or "N" consisting of:	
29	block	28203
30	end barrier	28204
31	retaining clip	28205
32	terminal block mounting channel	27664
	sequencing relays:	
33	R8154D (EP-34)	27655
34	R8154C (EP-51)	27656
35	R8154B (EP-68)	27657
36	R8154A (EP-82)	27658
37	transformer AT72D with wire leads	27759
	wiring assemblies.	
38	terminal block, room thermostat	27749
	sequencing control to fuses	
39	EP-34	27779
40	EP-51	27780
41	EP-68	27781
42	EP-82	27782
	fuses to heating elements:	
	to elements nos. 1 and 2:	
43	for round lights	27772
44	for rectangular lights	28207
	to element no. 3 (EP-51, EP-68, EP-82):	
45	for round lights	27755
46	for rectangular lights	28208
	to element no. 4 (EP-68):	
47	for round lights	27788
48	for rectangular lights	28209
	to element nos. 4 and 5 (EP-82):	
49	for round lights	27789
50	for rectangular lights	28210
	"L" terminal block to fuses.	
51	EP-34	27762
52	EP-51	27763
53	EP-68	27764
54	EP-82	27765
55	circulator to fuse block	27760
56	transformer to temperature control	27752
57	sequence switch to hi-pressure switch	27753
58	transformer to lo-pressure switch	27754

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

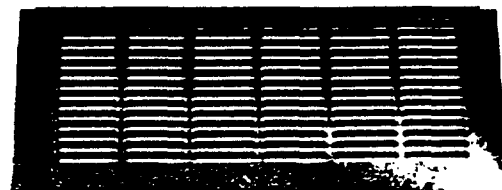
**Electra electric boiler
hot water
note: parts are used for series 1B-J1**

cat. no.	description	part no.
jacket parts		
	jacket sub-assembly:	
59	for round lights	27632
60	for rectangular lights	28206
61	circulator access panel	27643
62	l.h. side access panel assembly	27645
* 63	r.h. side access panel assembly (furnished with - caution sticker, wiring diagram, (2) door latches)	27644
64	decorative cover assembly	27649
65	door latch	27684

* specify boiler size.



59 - 60



61



62



63

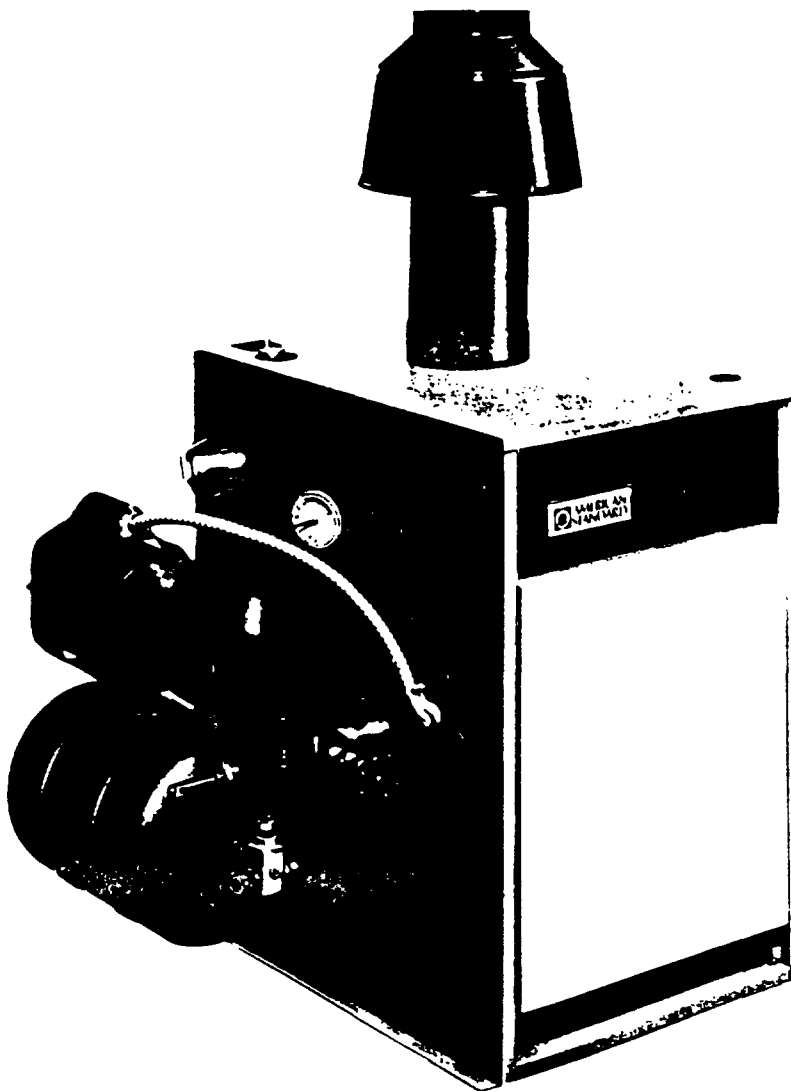


64



GPM (X)

packaged gas fired boilers
hot water



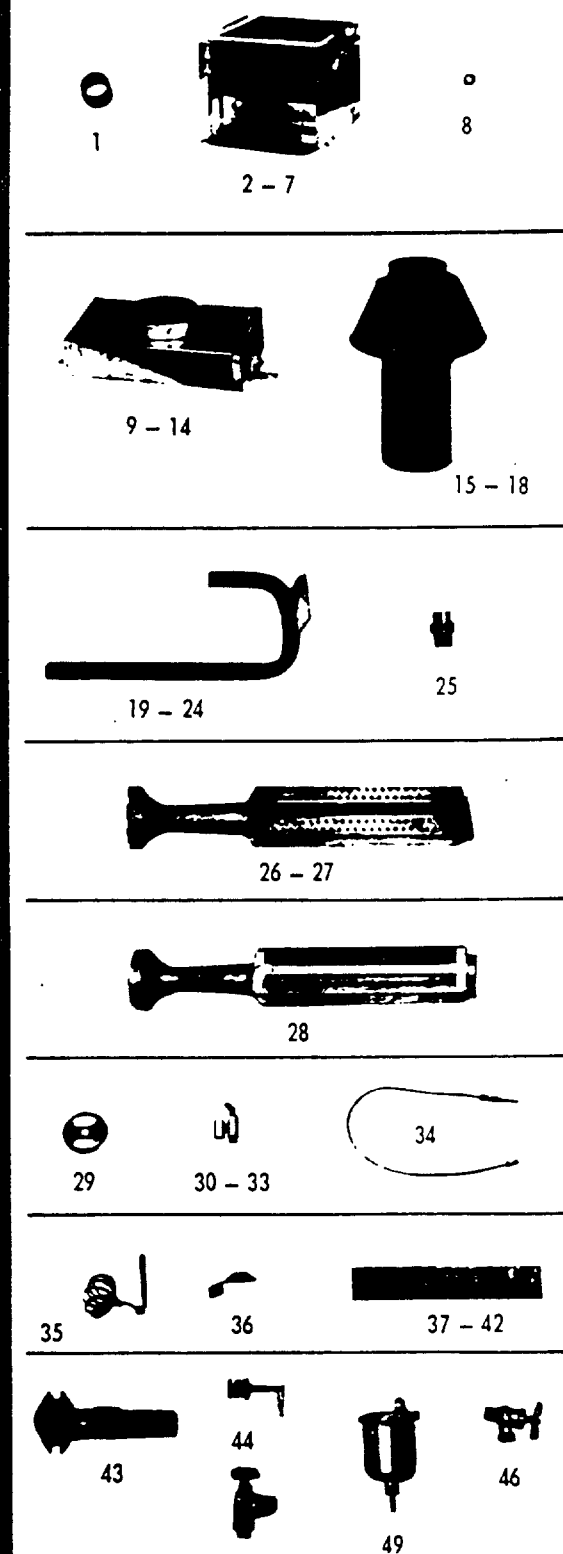
series 1B-J1

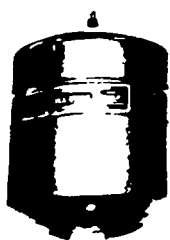
GPM-3 thru GPM-8
GPMX-3 thru GPMX-8

20739

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

cat. no.	description	part no.
1	assembly nipple 1½" top & bottom	6781
	base assembly complete with insulation:	
2	3 section	9277
3	4 section	9278
4	5 section	9279
5	6 section	9280
6	7 section	9281
7	8 section	9282
8	leg spacer	6623
	canopy assembly:	
9	3 section	29192
10	4 section	29193
11	5 section	29194
12	6 section	29195
13	7 section	29196
14	8 section	29197
	drafhood:	
15	3 section	5957
16	4 & 5 section	5963
17	6 section	5960
18	7 & 8 section	5961
	manifold with L. & R. brackets, less orifices:	
19	3 section	9283
20	4 section	9284
21	5 section	9285
22	6 section	9286
23	7 section	9287
24	8 section	9288
25	main burner orifice	7618
26	burner — Nat. & Mixed gas (with pilot tapping)	2515
27	burner — Nat. & Mixed gas (less pilot tapping)	2516
28	ribbon burner — L.P., Nat. & Mixed gas	2517
28A	ribbon burner (L.P. req'd. per burner)	9058
29	air shutter	13171
	pilot burner Q-314A (with orifice).	
30	24 volt — Nat. & Mixed	7026
31	24 volt — L.P.	7027
32	S.E. — Nat. & Mixed	7026
33	S.E. — L.P.	7027
34	thermocouple, Q-309-24" for Q-314A (24 volt)	6617
35	thermopile Q-313-32" for Q-314A (S.E.)	5576
36	pilot bracket	29209
	burner access door:	
37	3 section	29216
38	4 section	29217
39	5 section	29218
40	6 section	29219
41	7 section	29220
42	8 section	29221
43	circulator fitting	4026
44	purge valve assembly	29119
45	circulator (not illustrated)	7294
46	drain valve	5666





47 - 49

**GPM (X) gas boiler
water only**

note: parts are used for series 1B-J1

cat. no.	description	part no.
expansion tank with auto. fill valve:		
47	#109 tank - 3 thru 5 sections	7749
48	#110 tank - 6 thru 8 sections	7750
49	air vent	28724
section assembly:		
	3 section	9292
	4 section	9293
	5 section	9294
	6 section	9295
	7 section	9296
	8 section	9297

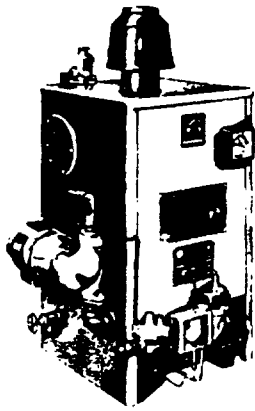
20741



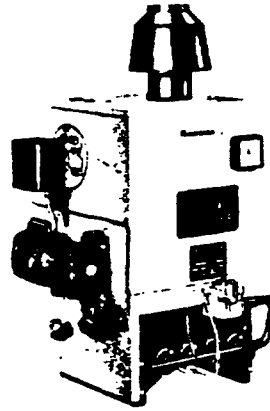
**AMERICAN
STANDARD**

G-2

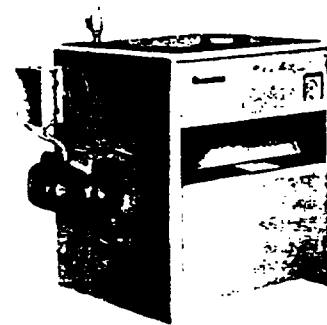
**gas fired boilers
hot water or steam**



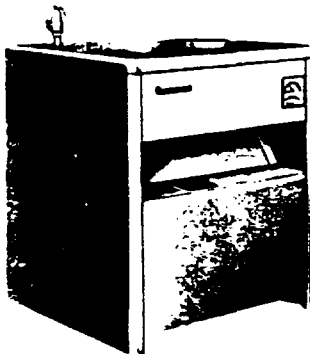
**G-2 flush jacketed boiler
(packaged)
series 1B to 4B**
for forced circulation only



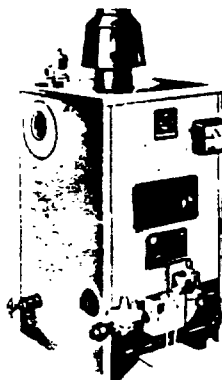
**G-2 flush jacketed boiler
(packaged)
series 5B & 6B**
for forced circulation only



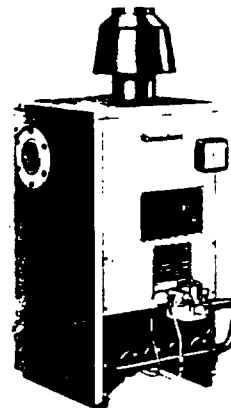
**G-2 deluxe jacketed boiler
(packaged)
series 1B to 7BN**
for forced circulation only



**G-2 packaged all-purpose boiler
series 1B to 7BN**
for forced or gravity circulation



**G-2 non-packaged
all-purpose boiler
series 1B to 4B**
*for forced or gravity
circulation*



**G-2 non-packaged
all-purpose boiler
series 5B & 6B**
*for forced or gravity
circulation*



**G-2 non-packaged
all-purpose boiler
(deluxe jacket shown)
series 3B to 7BN**
*for water (forced or gravity)
and steam*

Cast iron repair parts for this boiler will be discontinued by series as follows:
Series 1B thru 4B — Dec. 31, 1974
Series 5B — Dec. 31, 1975

20742

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

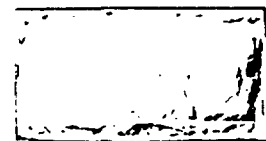
cat. no.	description	part no.	series
1	assembly nipple — 2" bottom	3073	
2	assembly nipple — 5" top	3079	
cleanout cover plate assembly (1B thru 3B):			
3	3 section	13222	
4	4 section	13224	
5	5 section	13226	
6	6 section	13228	
7	7 section	13230	
8	8 section	13232	
9	9 section	13234	
10	10 section	13236	
11	11 section	13238	
back combustion chamber cover:			
12	3 section	2503	
13	4 section	2504	
14	5 section	2505	
15	6 section	2506	
16	7 section	2507	
17	8 section	2508	
18	9 section	2509	
19	10 section	2510	
20	11 section	2511	
burner access door:			
21	3 section	18289	
22	4 section	18290	
23	5 section	18291	
24	6 section	18292	
25	7 section	18293	
26	8 section	18294	
27	9 section	18295	
28	10 section	18296	
29	11 section	18297	
30	circulator fitting (8G-13469)	02513	
31	FPB circulator fitting (8G-14298)	02498	
manifold with brackets, all gases (except dual)			
* manifold assembly, dual gas			
32	3 section	9023	1B thru 4B
33	4 section	9024	1B thru 4B
34	5 section	9025	1B thru 4B
35	6 section	9026	1B thru 4B
36	7 section	9027	1B thru 4B
37	8 section	9028	1B thru 4B
38	9 section	9029	1B thru 4B
39	10 section	9030	1B thru 4B
40	11 section	9031	1B thru 4B

Note: parts used for series 1B thru 7BN where series is not shown.
 *G-2 Dual gas boilers — series 1B thru 6BN curved one-piece manifold (41-49)
 and 1/2" Propane manifold (8G-12654L assembled with brackets & spuds will
 be supplied when specified.



1

2



3 thru 11



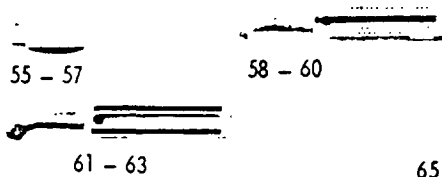
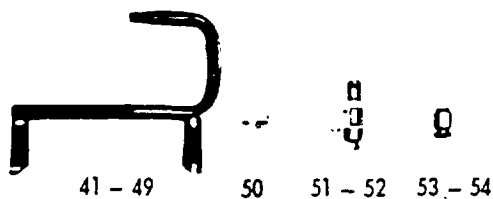
12 thru 20



21 thru 29



32 - 40



G-2 gas boiler
hot water or steam
note: parts used for series 1B thru 7BN

cat. no.	description	part no.	series
one-piece manifold assembly with brackets:			
41	3 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6734	1B thru 7BN
42	4 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6735	1B thru 7BN
43	5 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6686	1B thru 7BN
44	6 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6676	1B thru 7BN
45	7 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6685	1B thru 7BN
46	8 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6679	1B thru 7BN
47	9 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6681	1B thru 7BN
48	10 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6683	1B thru 7BN
49	11 section $\frac{3}{4}$ " x $\frac{3}{4}$ "	6684	1B thru 7BN
*50	main burner spud	7618	1B thru 7BN
*51	pilot burner (manual or runner pilot)	6962	1B thru 6BN
*52	pilot burner 2D311	6959	7B & 7BN
*53	pilot spud (nat.)	7644	1B thru 6BN
*54	pilot spud (nat.)	7651	7B & 7BN
55	pilot bracket (regular)	13164	1B to 6BN
56	pilot bracket (S.E.)	15727	1B to 6BN
57	pilot bracket	28380	7B & 7BN
*58	burner, natural gas	2501	1B to 6BN
*59	burner, nat. (with pilot tapping)	2515	7B & 7BN
*60	burner, nat. (less pilot tapping)	2516	7B & 7BN
*61	ribbon burner, mfd. gas	2502	1B to 6BN
*63	ribbon burner, (Nat., LP & mixed)	2517	1B to 7BN
*64	ribbon cluster (2 req'd. per burner)	9058	
65	air shutter	13171	
canopy, steel — flush jacket only:			
66	3 section	28362	1B thru 7BN
67	4 section	28363	1B thru 7BN
68	5 section	28364	1B thru 7BN
69	6 section	28365	1B thru 7BN
70	7 section	28366	1B thru 7BN
71	8 section	28367	1B thru 7BN
72	9 section	28368	1B thru 7BN
73	10 section	28369	1B thru 7BN
74	11 section	28370	1B thru 7BN
drafhthood — flush jacket only:			
75	3 section	5957	1B thru 7BN
76	4 section	5958	1B thru 7BN
77	5 section	5958	1B thru 7BN
78	6 section	5960	1B thru 7BN
79	7 section	5960	1B thru 7BN
80	8 section	5961	1B thru 7BN
81	9 section	5961	1B thru 7BN
82	10 section	5962	1B thru 7BN
83	11 section	5962	1B thru 7BN

* specify type of gas

20744

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

cat. no.	description	part no.	series
canopy, steel — deluxe jacket only:			
84	3 section	28362	1B thru 7BN
85	4 section	13567	1B thru 7BN
86	5 section	13568	1B thru 7BN
87	6 section	13569	1B thru 7BN
88	7 section	13570	1B thru 7BN
89	8 section	13571	
90	9 section	13572	
91	10 section	13573	
92	11 section	13574	
draft hood — deluxe jacket only:			
93	3 section	5957	1B thru 7BN
94	4 section	13624	1B thru 7BN
95	5 section	13624	1B thru 7BN
96	6 section	13625	1B thru 7BN
97	7 section	13625	1B thru 7BN
98	8 section	13626	
99	9 section	13626	
100	10 section	13627	
101	11 section	13627	
secondary air baffle, top piece — deluxe jacket only (dual fuel)			
102	4 section	13195	1B — 6BN
103	5 section	13196	1B — 6BN
104	6 section	13197	1B — 6BN
105	7 section	13198	1B — 6BN
106	8 section	13199	1B — 6BN
107	9 section	13200	1B — 6BN
108	10 section	13201	1B — 6BN
109	11 section	13202	1B — 6BN
end piece, secondary air baffle — deluxe jacket only:			
110	(LP, LP-air, dual fuel): L.H.	13155	
111	R.H.	13156	
floor shield for combustible flooring & steam boilers:			
112	3 section	13263	
113	4 section	13265	
114	5 section	13267	
115	6 section	13269	
116	7 section	13271	
117	8 section	13273	
118	9 section	13275	
119	10 section	13277	
120	11 section	13279	
manual shut-off valve			
121	size, 1/2"	5707	
122	size, 3/4"	5691	
123	size, 1"	5696	
124	pilot filter	6138	
125	pilot throttling valve	5683	
126	1/4" O.D. tubing tee connector	7823	
127	1/8" M x 1/4" O.D. tub. elbow connector	5728	
128	1/4" x 1/4" union tubing connector	5737	
129	1/8" M x 1/4" O.D. tub. straight connector	5733	
130	1/4" M x 1/4" O.D. tub. straight connector	5735	
131	1/8" M x 1/4" tub. x 1/4" O.D. tub. tee	7821	

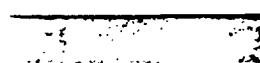
* specify gas



85 - 91



94 - 101



102 - 109

110

111



112 - 120



121 - 123



124



125



126



127



128



129



130



131



132



133



134



135



136

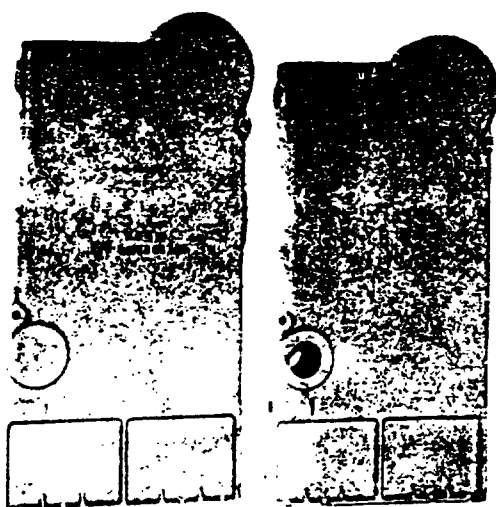


137



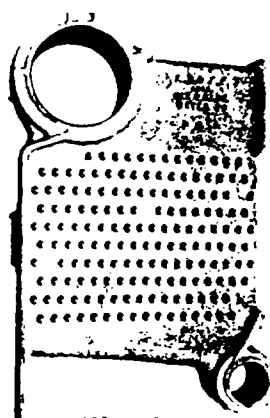
138

20745

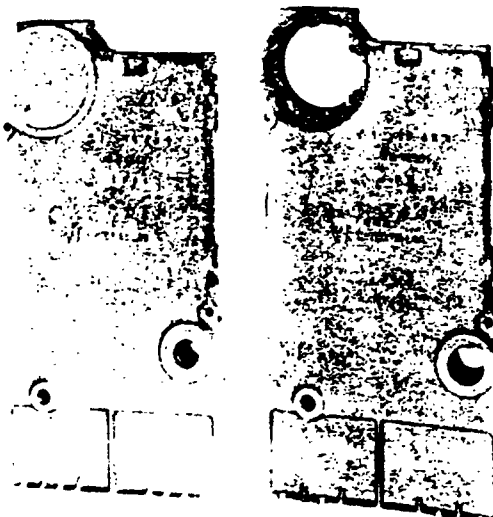


500 & 500A

504 & 504A



501 & 505



503 & 506
503A & 506A

502 & 507
502A & 507A

G-2 gas boiler
hot water or steam
note: parts used for series 1B thru 7BN

cat. no.	description	part no.	series
132	terminal block, 5 point	5106	
133	vent tube with tip	9144	
134	vent tube clip— $\frac{1}{4}$ " O.D. tubing	5639	
135	cover plate with 3" tap and plug (gravity boiler)	09291	
136	cover plate or water heater gasket	6210	
137	drain valve — flush jacket	5662	
138	drain valve — deluxe jacket	5663	
139	circulator flange (not illustrated)	2519	
140	radiation shield (not illustrated)	3 sect. 19159	
		4 sect. 19161	
		5 sect. 19162	
		6 sect. 19163	
		7 sect. 19164	
		8 sect. 19165	
		9 sect. 19166	
		10 sect. 19167	
		11 sect. 19168	
	circulator gasket (not illustrated)	6230	

sections

cat. no.	description	series	part no.	pattern ref. no.
500	R.H. end section L/return tapping	1B, 2B & 3B	4382	4500
500A	R.H. end section L/return tapping	4B thru 7BN	4383	4500
504	R.H. end section w/2" return tapping	1B, 2B & 3B	4384	4500
504A	R.H. end section w/2" return tapping	4B thru 7BN	4500	4500
501	center section	1B, 2B & 3B	4385	4501
505	center section	4B thru 7BN	4501	4501
502	L.H. end sect. w/water heater opening & 1 $\frac{1}{2}$ " return	1B, 2B & 3B	4386	4502
502A	L.H. end sect. w/water heater opening & 1 $\frac{1}{2}$ " return	4B thru 7BN	4387	4502
503	L.H. end sect. L/water heater opening w/1 $\frac{1}{2}$ " return	1B, 2B & 3B	4388	4503
503A	L.H. end sect. L/water heater opening w/1 $\frac{1}{2}$ " return	4B thru 7BN	4389	4503
506	L.H. end sect. L/water heater opening w/2" return (forced or gravity)	1B, 2B & 3B	4390	4503
506A	L.H. end sect. L/water heater opening w/2" return (forced or gravity)	4B thru 7BN	4503	4503
507	L.H. end sect. w/water heater opening & 2" return (all-purpose)	1B, 2B & 3B	4391	4502
507A	L.H. end sect. w/water heater opening & 2" return (all-purpose)	4B thru 7BN	4502	4502

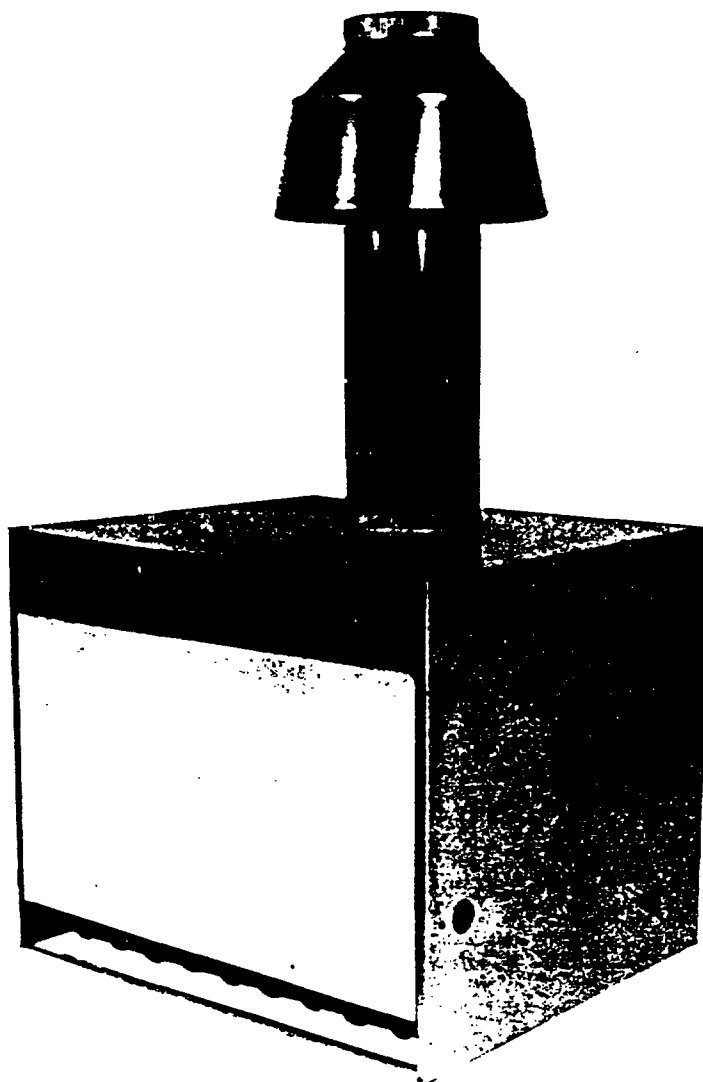
Note: Order sections by part number.

20746

e AMERICAN
STANDARD

GW

gas fired boilers
hot water



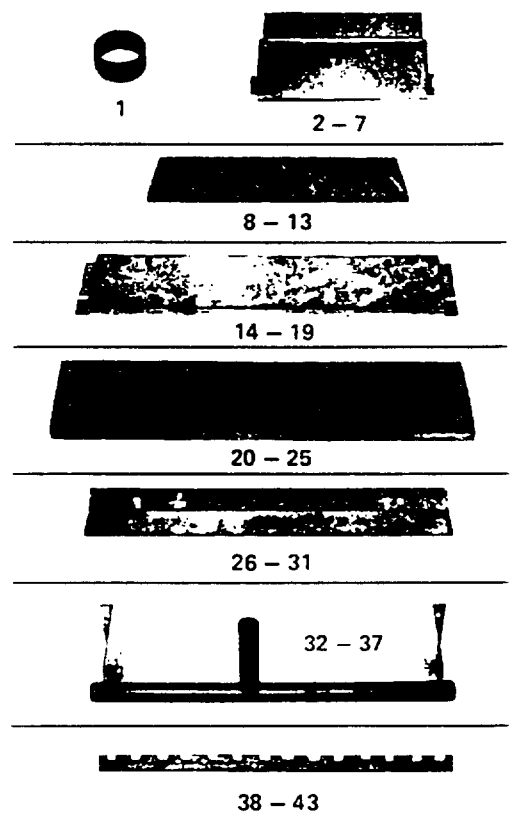
series 1B — J1
GWP-5 thru GWP-7
GWM-5 thru GWM-7
GW-8 thru GW-10

Issued August 1, 1971

20747

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

cat. no.	description	part no.
1	assembly nipple 3"	3076
	back plate:	
2	5 section	29363
3	6 section	29364
4	7 section	29365
5	8 section	29366
6	9 section	29367
7	10 section	29368
	back plate insulation:	
8	5 section	29351
9	6 section	29352
10	7 section	29353
11	8 section	29354
12	9 section	29355
13	10 section	29356
	front plate:	
14	5 section	29357
15	6 section	29358
16	7 section	29359
17	8 section	29360
18	9 section	29361
19	10 section	29362
	front plate insulation:	
20	5 section	29345
21	6 section	29346
22	7 section	29347
23	8 section	29348
24	9 section	29349
25	10 section	29350
	burner access door:	
26	5 section	29333
27	6 section	29334
28	7 section	29335
29	8 section (2 required)	29336
30	9 section (2 required)	29337
31	10 section (2 required)	29338
	manifold with brackets	
32	5 section	29697
33	6 section	29698
34	7 section	29699
35	8 section	29784
36	9 section	29785
37	10 section	29786
	burner support:	
38	5 section	29396
39	6 section	29397
40	7 section	29398
41	8 section	29399
42	9 section	29400
43	10 section	29401

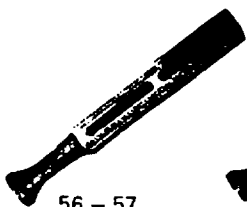




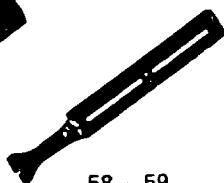
44 - 49



50 - 55



56 - 57



58 - 59



61



62



63 - 64



65



66



67



68 - 69



72



73 - 74



75



76 - 77



78



79



80

**GW gas boiler
hot water only**
note: parts are used for series 1B

cat. no.	description	part no.
canopy		
44	5 section	29315
45	6 section	29316
46	7 section	29317
47	8 section	29318
48	9 section	29319
49	10 section	29320
drafthood:		
50	5 section	30279
51	6 section	30280
52	7 section	30280
53	8 section	30274
54	9 section	30275
55	10 section	30275
56	port burner, natural gas (less pilot tapping)	30149
57	port burner, natural gas (with pilot tapping)	31149
58	ribbon burner, nat. or propane (less pilot tapping)	29478
59	ribbon burner, nat. or propane (with pilot tapping)	31145
60	ribbon cluster (2 required/burner) not illustrated	30190
61	air shutter	20898
62	main burner spud orifice	7618
63	pilot burner, Q327A w/orifice (Nat.)	7038
64	pilot burner, Q327A w/orifice (Prop.)	7039
65	pilot burner bracket	30961
66	pilot throttling valve	5683
67	pilot filter	6138
68	pilot safety switch (24V)	6984
69	pilot safety switch (S.E.)	8090
70	thermocouple Q309A (24V)	6613
71	thermocouple Q313A (S.E.)	5576
72	1/4" O.D. straight union connector	5737
73	3/4" manual shut-off valve	5691
74	1" manual shut-off valve	5696
75	drain valve	5662
GWM supply or return water manifold parts:		
76	manifold body-supply	30896
77	manifold body-return	30895
78	9" O.D. flange gasket	31076
79	companion flange, 6" O.D. x 2" npt.	31078
80	companion flange gasket 6" O.D.	31077

*specify type of gas

20749

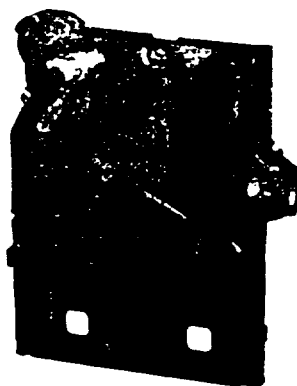
Repair part price for each part number is found at back of book.

Issued August 1, 1971

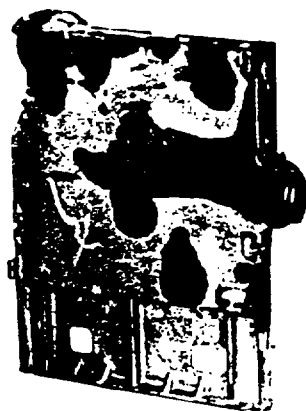
200

**GW gas boiler
hot water only
note: parts are used for series 1B**

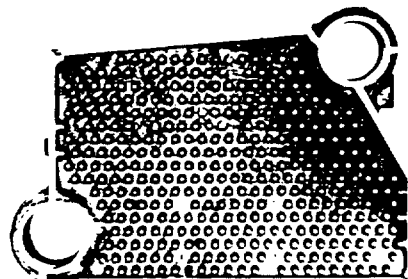
cat. no.	description	part no.
500	GWP or GW right hand end section	29472
501	GWM right hand end section	30699
502	center section	29470
503	GWP or GW left hand end section	29471
504	GWM left hand end section	31959



500



501



502

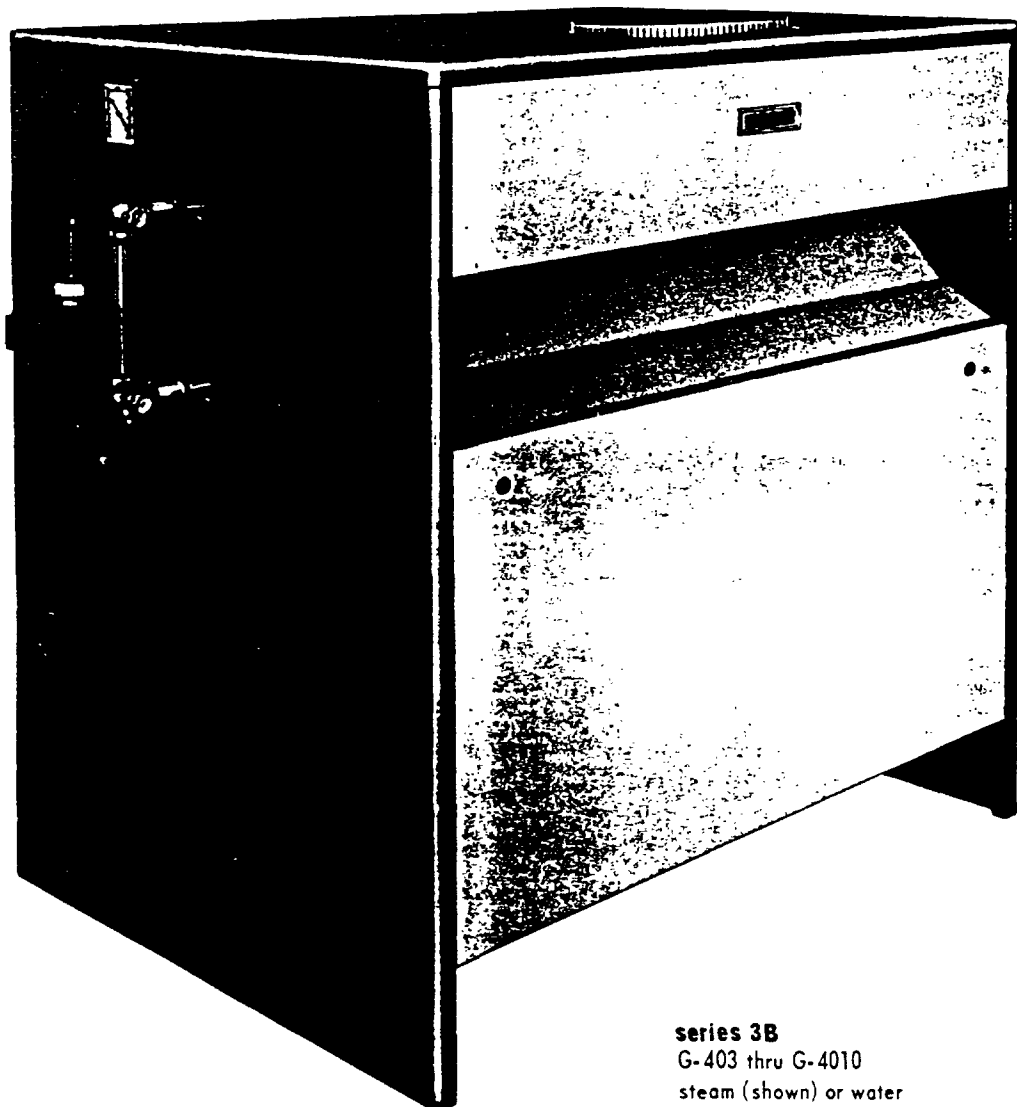


503 - 504



G-40

gas fired boilers
hot water or steam



series 3B
G-403 thru G-4010
steam (shown) or water

20751

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

cat. no.	description	part no.
1	assembly nipple 3" bottom	3076
2	assembly nipple 5" top	3079
	rear plate assembly:	
3	3 section	27925
4	4 section	27926
5	5 section	27927
6	6 section	27928
7	7 section	27929
8	8 section	27930
9	9 section	27931
10	10 section	27932
	burner access door:	
11	3 section	27889
12	4 section	27890
13	5 section	27891
14	6 section	27892
15	7 section	27893
16	8 section	27894
17	9 section	27895
18	10 section	27896
	front plate assembly:	
19	3 section	27897
20	4 section	27898
21	5 section	27899
22	6 section	27900
23	7 section	27901
24	8 section	27902
25	9 section	27903
26	10 section	27904
	1 1/4" manifold with brackets (all gases):	
27	3 section	9217
28	4 section	9218
29	5 section	9219
30	6 section	9220
31	7 section	9221
32	8 section	9222
33	9 section	9223
34	10 section	9224
	burner support:	
35	3 section	21188
36	4 section	21189
37	5 section	21190
38	6 section	21191
39	7 section	21192
40	8 section	21193
41	9 section	21194
42	10 section	21195
	canopy-drafthood assembly (shown assembled):	
43	3 section	28066
44	4 section	28067
45	5 section	28068
46	6 section	28069
47	7 section	28070
48	8 section	28071
49	9 section	28072
50	10 section	28073



3 - 10



11 - 18



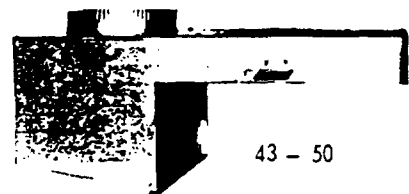
19 - 26



27 - 34

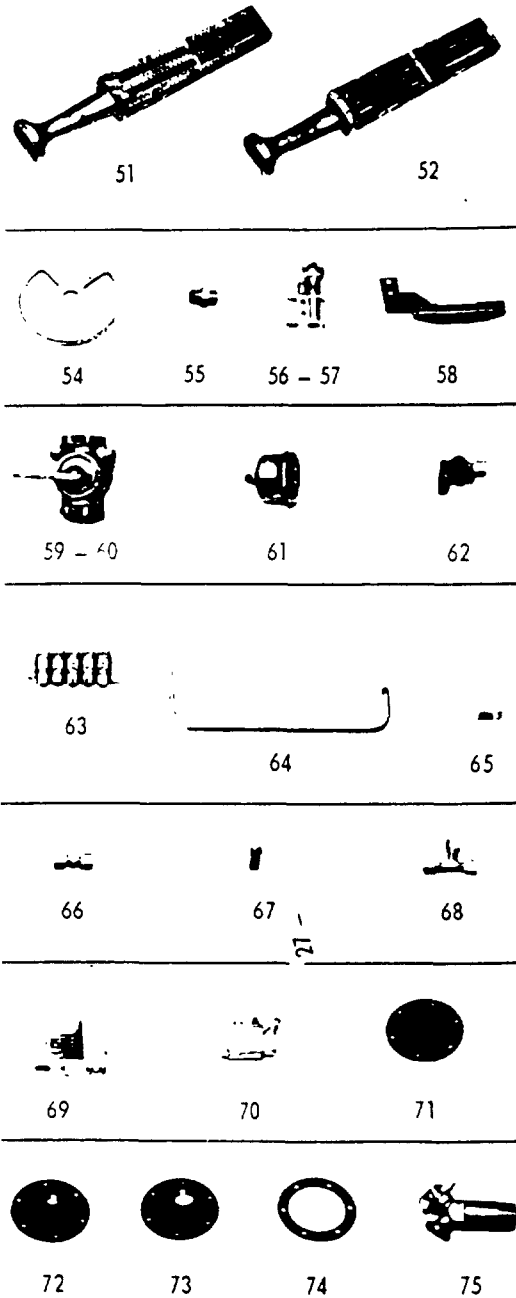


35 - 42



43 - 50

G-40 gas boiler
hot water or steam
note: parts are used for series 3B



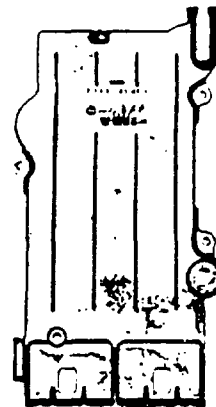
cat. no.	description	part no.
51	port burner, natural gas (L/pilot tapping)	2309
51A	port burner, natural gas (W/pilot tapping)	2310
*51	port burner, natural gas	2310
*52	ribbon burner, mixed and LP	2308
*53	ribbon cluster (3 required per burner) (not shown)	9225
54	air shutter	27843
*55	main burner spud orifice	7618
*56	pilot burner, 2D311 with orifice	6959
*57	pilot burner, Q327A with orifice	7036
58	pilot bracket	27845
59	1" manual shut-off valve	5696
60	1 1/4" manual shut-off valve	5698
61	pilot filter	6138
62	pilot throttling valve	5683
63	terminal block, 5 point	5106
64	vent tube with tip	9144
65	vent tube clip	5639
66	1/4" O.D. straight union connector	5737
67	1/4" M x 1/4" O.D. elbow tube connector	5728
68	1/4" O.D. tube tee connector	7823
69	safety pilot switch 853-1	6984
70	pilot line valve 817-F-11	7953
	heater opening cover plates:	
71	cover plate, blank	2512
72	cover plate, tapped 1/4"	2300
73	cover plate, tapped 1 1/2"	2301
74	cover plate or water heater basket	6210
75	drain valve	5662

20753

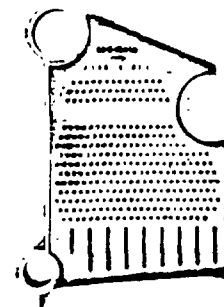
G-40 gas boiler
hot water or steam
note: parts are used for series 3B

sections

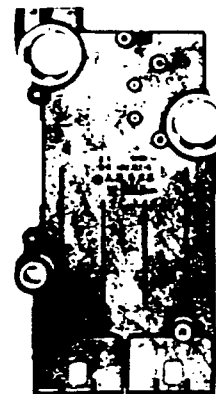
cat. no.	description	part no.
500	right hand end section	3995
501	center section	3991
502	left hand end section	3993



500



501

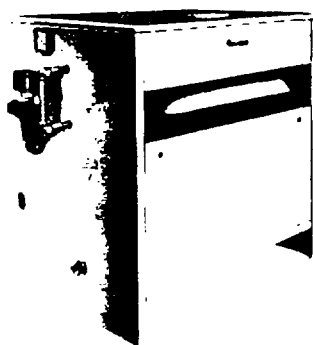


502

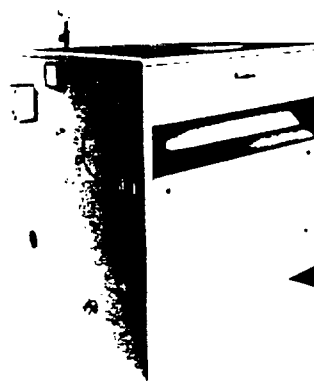


G-40

gas boiler



series 1B, 1BN, 2B
steam



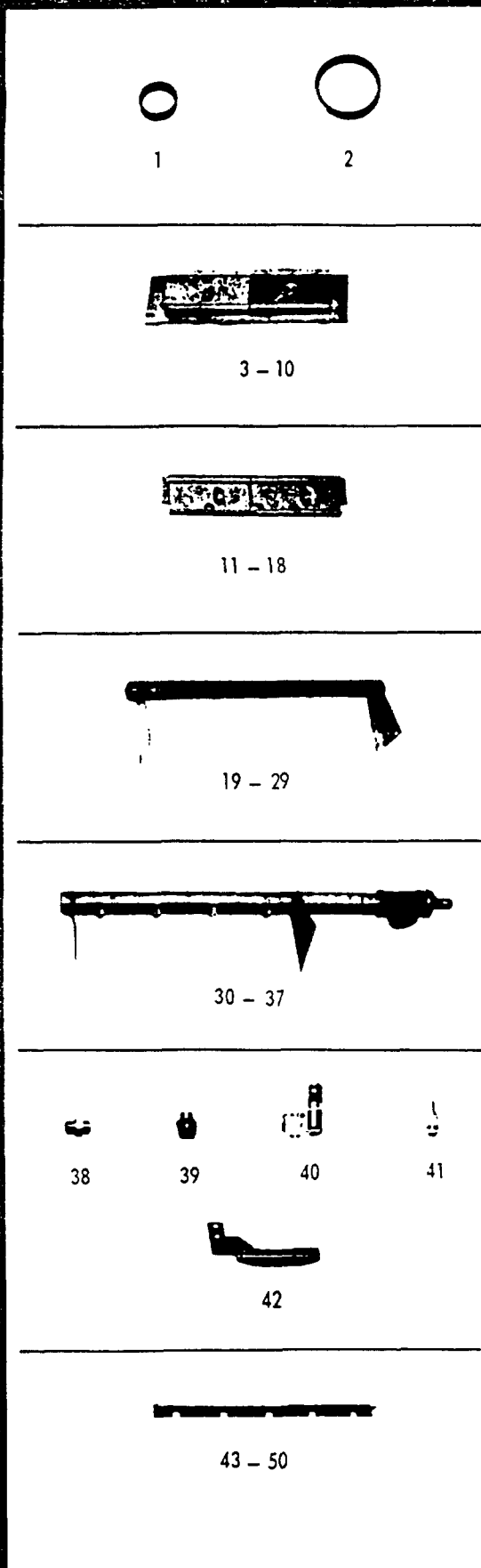
series 1B, 1BN, 2B
water

G-403 thru G-4010

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

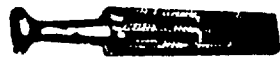
cat. no.	description	part no.
1	assembly nipple 3" bottom	3076
2	assembly nipple 5" top	3079
	back plate and baffle assembly:	
3	3 section	21032
4	4 section	21033
5	5 section	21034
6	6 section	21035
7	7 section	21036
8	8 section	21037
9	9 section	21038
10	10 section	21039
	burner access door:	
11	3 section	21005
12	4 section	21006
13	5 section	21007
14	6 section	21008
15	7 section	21009
16	8 section	21010
17	9 section	21011
18	10 section	21012
	*manifold with brackets 1½" for all gases:	
19	3 section	9059
20	4 section	9060
21	5 section	9061
22	6 section	9062
23	7 section	9063
	*manifold with brackets 1½" for nat. LP gases:	
24	8 section	9064
25	9 section	9065
26	10 section	9066
	*manifold with brackets 1½" for mfd., mixed and LP-air gas (525-800 Btu):	
27	8 section	9067
28	9 section	9068
29	10 section	9069
	dual gas manifold assembly includes brackets, spud and pipe fittings, for natural and propane gas only.	
30	3 section	9070
31	4 section	9071
32	5 section	9072
33	6 section	9073
34	7 section	9074
35	8 section	9075
36	9 section	9076
37	10 section	9077
*38	main burner spud— regular all gases — aluminum	7617
	— brass	7618
39	dual gas main burner spud — nat. — LP	7622
		7623
*40	pilot burner, 2D11-8N	6962
*41	pilot spud (nat.)	7644
42	pilot bracket	21185
	burner support:	
43	3 section	21188
44	4 section	21189
45	5 section	21190
46	6 section	21191
47	7 section	21192
48	8 section	21193
49	9 section	21194
50	10 section	21195

*specify type of gas



G-40 gas boiler

note: parts are used for all 1 BN & 2B series



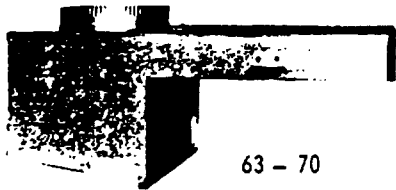
51



52 - 53



54



63 - 70



71 - 74



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89



90



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92



93



94



95

cat. no.	description	part no.
*51	burner, nat. and mixed gas w/pilot tapping	2302
*52	ribbon burner, mfd. gas	2303
*53	ribbon burner, LP, LP-air, dual gas	2303
53A	ribbon cluster (3 req'd. per burner)	9078
54	air shutter	20898
	floor pan, combustion chamber (not illustrated):	
55	3 section	21196
56	4 section	21197
57	5 section	21198
58	6 section	21199
59	7 section	21200
60	8 section	21201
61	9 section	21202
62	10 section	21203
	canopy-drafthood assembly (shown assembled):	
63	3 section	27322
64	4 section	27323
65	5 section	27324
66	6 section	27325
67	7 section	27326
68	8 section	27327
69	9 section	27328
70	10 section	27329
	manual shut-off valve	
71	1/2" size	5707
72	3/4" size	5691
73	1" size	5696
74	1 1/4" size	5698
75	pilot filter	6138
76	pilot throttling valve	5683
77	1/4" O.D. straight union connector	5737
78	1/4" M x 1/4" O.D. elbow tubing connector	5728
79	1/4" M x 1/4" O.D. straight union connector	5735
80	1/4" O.D. tubing tee connector	7823
81	runner pilot assembly	6972
82	runner pilot clamp	21236
83	electric ignition push button switch (#339-1 (L. htr.) #339-2 (w. htr.))	6983
		6987
84	electric ignition pilot burner	6963
85	electric ignition transformer	7869
86	electric ignition ignitor lead	6615
87	electric ignition vent tube clip	5646
88	terminal block - 5 point	5106
89	vent tube with tip	9144
90	vent tube clip	5639
	heater opening cover plate:	
91	cover plate blank	2512
92	cover plate tapped 1/4"	2300
93	cover plate tapped 1 1/4"	2301
94	cover plate or water heater gasket	6210
95	drain valve	5662

*specify type of gas

20757

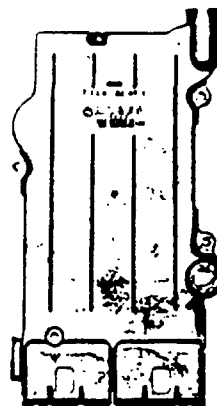
27

G-40 gas boiler

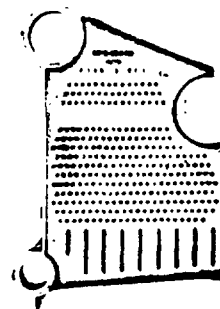
note: parts are used for all 1 BN & 2B series

sections

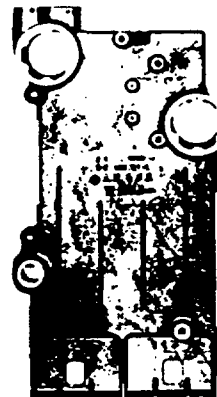
cat. no.	description	part no.
500	right hand end section	3992
501	center section	3991
502	left hand end section	3990



500



501

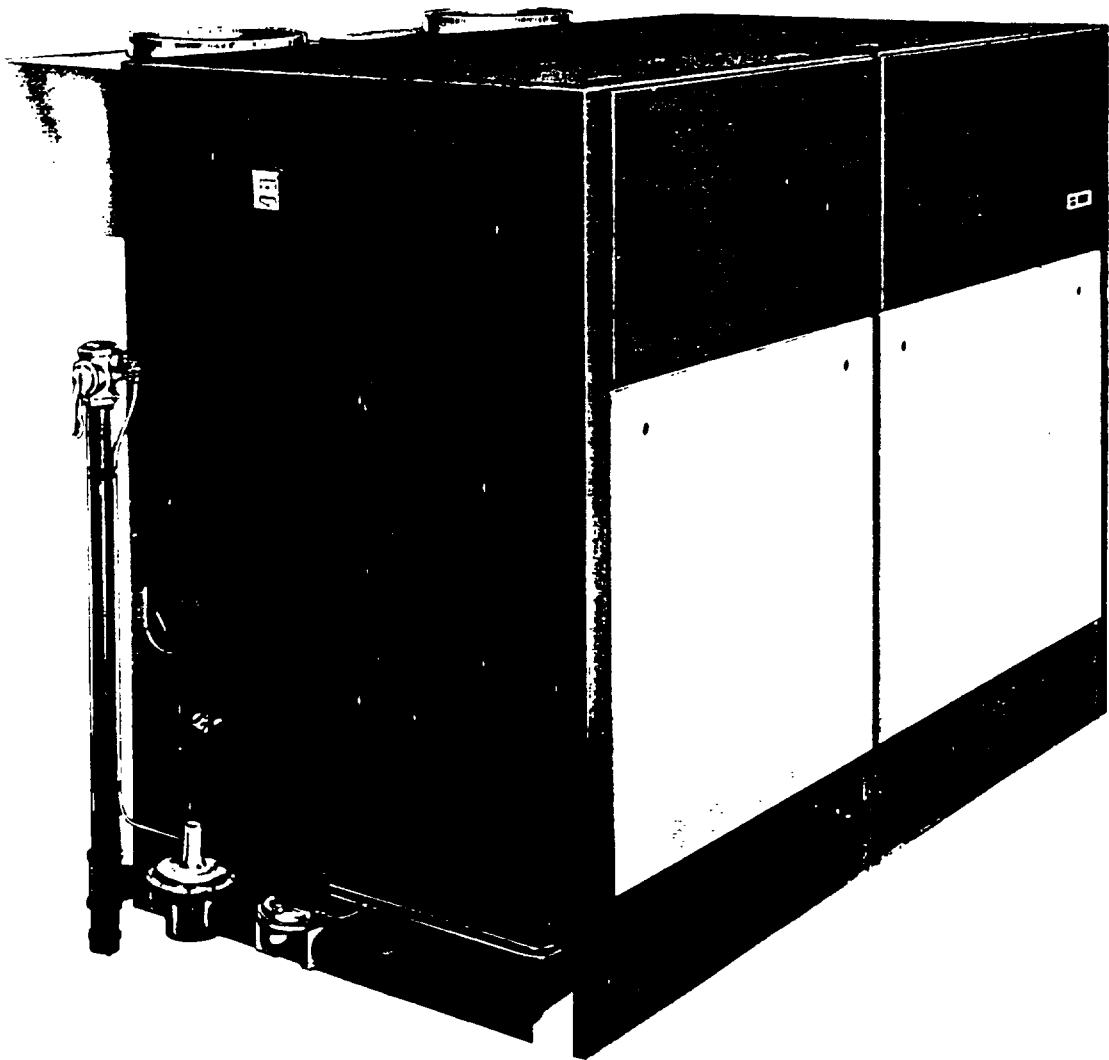


502



G-10

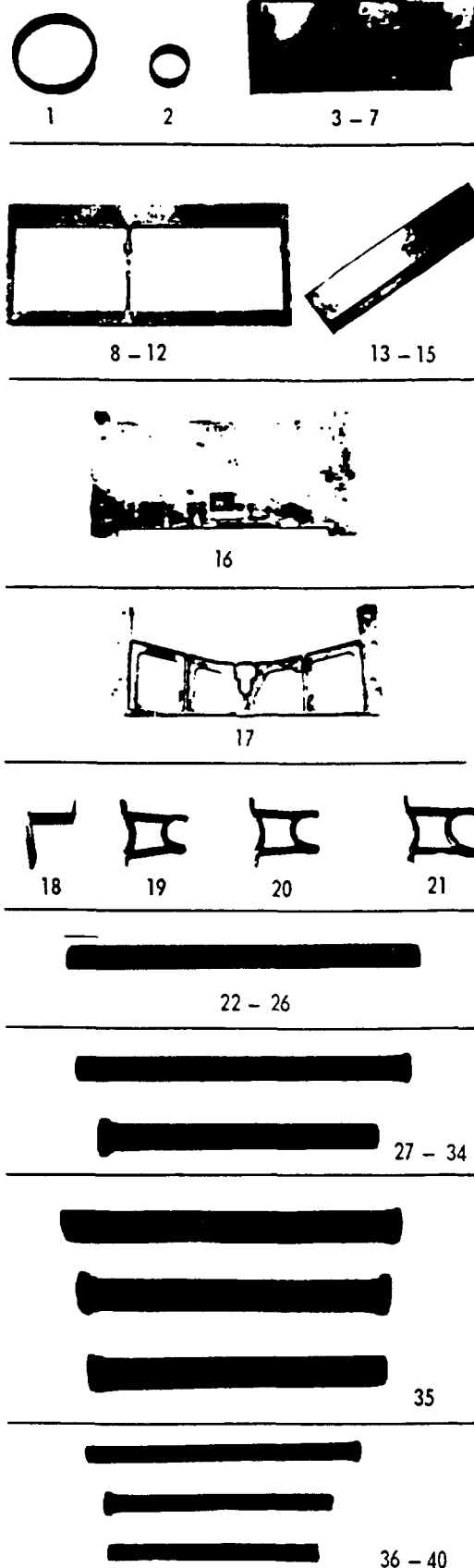
gas fired boilers
hot water or steam



series 1B
G-105 thru G-1033
steam or water (water shown)

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

cat. no.	description	part no.
1	assembly nipple, top 8½"	3084
2	assembly nipple, bottom 4"	3077
cleanout cover assemblies:		
3	5 or 10 section	27524
4	6, 10, 11, 12, or 18 section	27525
5	7, 12, 13, 14, 18, 19, 20, 21, 26, 27, or 28 section	27526
6	8, 14, 15, 16, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31 or 32 section	27527
7	9, 16, 17, 23, 24, 25, 30, 31, 32 or 33 section	27528
front or back base frames:		
8	5 or 10 section	2579
9	6, 10, 11, 12, or 18 section	2580
10	7, 12, 13, 14, 18, 19, 20, 21, 26, 27, or 28 section	2581
11	8, 14, 15, 16, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31 or 32 section	2582
12	9, 16, 17, 23, 24, 25, 30, 31, 32 or 33 section	2583
combustion chamber door assemblies:		
13	10¼" long; 5, 6, 9, 10, 11, 12, 16, 17, 18, 23, 24, 25, 30, 31, 32, 33 section	27545
14	15¼" long; 6 section thru 33 section	27546
15	21¼" long; 8, 14, 15, 16, 20, 21, 22, 23, 24, 26 thru 32 section	27547
16	end base panel assembly, right or left	2578
17	intermediate base panel	2591
18	end section positioning clip assembly	27580
19	2" manifold support brackets	2586
20	2½" manifold support brackets	2587
21	3" manifold support brackets	2588
2" manifold, 1 piece:		
22	5 section	9228
23	6 section	9229
24	7 section	9230
25	8 section	9231
26	9 section	9232
2½" manifold, 2 pieces:		
27	10 section	9233
28	11 section	9234
29	12 section	9235
30	13 section	9236
31	14 section	9237
3" manifold, 2 pieces:		
32	15 section	9238
33	16 section	9239
34	17 section	9240
3" manifold, 3 pieces:		
35	18 section	9241
2½" manifold, split type, 3 pieces:		
36	19 section	9242
37	20 section	9243
38	21 section	9244
39	22 section	9245
40	23 section	9246



G-10 gas boiler
hot water or steam
note: parts are used for series 1B



41 - 50



51 - 55



56

57



58

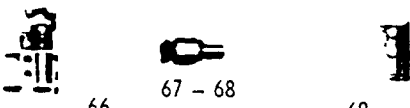


60 - 61



62 - 63

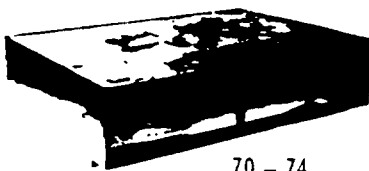
64



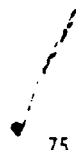
66

67 - 68

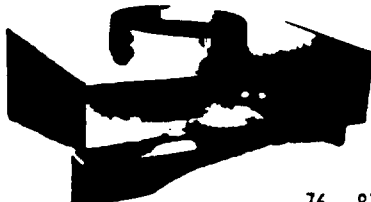
69



70 - 74



75



76 - 81



82 - 87

cat. no. description part no.

2 1/2" manifold, split type, 4 pieces:

41 24 section 9247
 42 25 section 9248

3" manifold, split type, 4 pieces:

43 26 section 9249
 44 27 section 9250
 45 28 section 9251
 46 29 section 9252
 47 30 section 9253
 48 31 section 9254
 49 32 section 9298
 50 33 section 9299

main burner supports:

51 5 or 10 section 2592
 52 6, 10, 11, 12, or 18 section 2593
 53 7, 12, 13, 14, 18, 19, 20, 21, 26, 27, 28 section 2594
 54 8, 14, 15, 16, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32 section 2595
 55 9, 16, 17, 123, 24, 25, 30, 31 32, 33 section 2596

56 main burner orifice holder 6456
 *57 main burner orifice 7614
 58 ribbon burner 2590
 59 ribbon cluster (4 clusters/burner) (not illustrated) 9255
 drill port burner (natural gas only)(W/pilot tapping) 2585
 60 drill port burner (natural gas only)(L/ pilot tapping) 2598
 61 drill port burner (natural gas only) 2598
 62 mixer tube - ribbon burner 2589
 63 mixer tube - drill port burner 2599
 64 air shutter 2675
 65 air shutter lock nut (not illustrated) 6826
 *66 pilot burner 2D311 6959
 *67 pilot burner orifice Nat. (.023) 7651
 68 pilot burner orifice L.P. (.011) 7634
 69 pilot burner bracket for 2D311 pilot 27597

canopy, rear outlet:

70 5 or 10 section 27487
 71 6, 10, 11, 12, or 18 section 27488
 72 7, 12, 13, 14, 18, 19, 20, 21, 26, 27 or 28 section 27489
 73 8, 14, 15, 16, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31 or 32 section 27490
 74 9, 16, 17, 23, 24, 25, 30, 31, 32 or 33 section 27491
 75 canopy hook assembly 96161

draft hood, rear outlet:

76 5 or 10 section 27464
 77 6, 10, 11, 12 or 18 section 27465
 78 7, 12, 13, 18 or 19 section 27466
 79 14, 20, 21, 26, 27, or 28 section 27467
 80 8, 14, 15, 16, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32 section 27468
 81 9, 16, 17, 23, 24, 25, 30, 31, 32, 33 section 27469

canopy, top outlet:

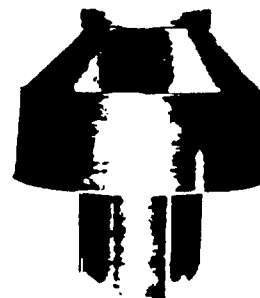
82 5 or 10 section 27507
 83 6, 10, 11, 12, or 18 section 27508
 84 7, 12, 13, 18 or 19 section 27509
 85 14, 20, 21, 26, 27, or 28 section 27510
 86 8, 14, 15, 16, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32 section 27511
 87 9, 16, 17, 23, 24, 25, 30, 31, 32, 33 section 27512

* specify type of gas

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.
	drafthood, top outlet:	
88	5, 6, 7, 10, 11, 12, 13, 18, 19 - 14" connection	28650
89	8, 9, 14, 15, 16, 17, 20, 21, 22, 23 thru 33-16" connection	28651
90	assembly rod coupling:	5841
	manual shut-off valve:	
91	size 1", 988M-989	5696
92	size 1 1/4", 603-604	5698
93	size 1 1/2", 624-625	5700
94	size 2", 939-940	5702
95	size 2 1/2", 941-940	5705
96	size 3", 1610	7938
97	3" x 6" nipple with pilot tapping for cat. no. 92	7076
98	pilot throttling valve 1/4" M x 1/4" 991L-995	5683
99	pilot throttling valve 1/4" M x 1/4" F 280-704	5682
100	1/4" OD straight tubing union connector	5737
101	1/4" M x 1/4" OD straight tubing connector	5735
102	1/4" M x 1/4" OD straight tubing connector	5733
103	1/2" OD tubing tee connector	7823
104	terminal block, 5 point	5106
105	vent tube with tip	9144
106	vent tube clip (standard pilot)	5646
107	vent tube clip (electronic pilot)	5639
108	pilot pipe manifold support clamp assembly 2"	14575
109	pilot pipe manifold support clamp assembly 2 1/2"	14576
110	pilot pipe manifold support clamp assembly 3"	14577
111	thermocouple 87F-30"	6589
112	853-1 safety pilot switch	6984
113	A-817F-11 pilot line valve	7953
114	Q-179-A pilot for EPG-O or EG-O system	6974
115	Q-179-B mod. pilot for EPG-OM or EG-OM system	6976
116	V4046 C pilot line valve for EPG-O and EG-O system	8058
117	electronic pilot bracket assembly	28403
	dual gas parts	
118	2" manifold support bracket assembly	27583
119	2 1/2" manifold support bracket assembly	27604
120	3" manifold support bracket assembly	27605
121	"U" bolt (for dual gas brackets) 2"	5187
122	2 1/2"	5188
123	3"	5189



88 - 89



91 - 96



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100



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102



103



104



105



106 - 107



108



109



110



111



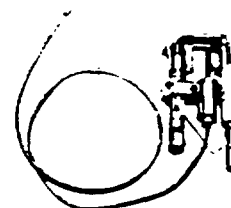
112



113



114



115



116



117



118 - 120

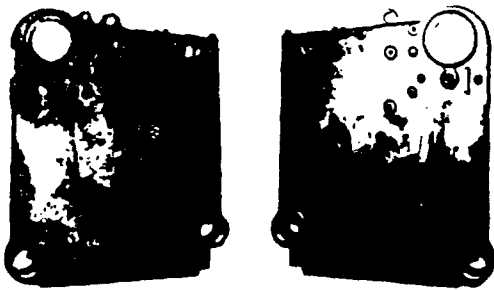


121 - 123

**G-10 gas boiler
hot water or steam
note: parts are used for series 1B**

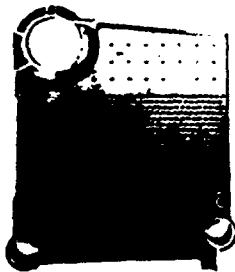
sections

cat. no.	description	part no.
500	right hand end section	4550
501	left hand end section	4554
502	"C" center section	4551
503	"CX" center section	4552
504	6" top outlet fitting with gasket and bolts for "CX" section - steam boiler	2575
505	top outlet blind flange with gasket and bolts for "CX" section - water boiler	2574
506	"CT" center section	4553
507	water heater opening cover plate assembly with gasket and screws for "CT" section	2576

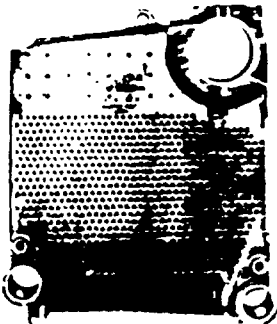


500

501



502



503



504



505



506



507

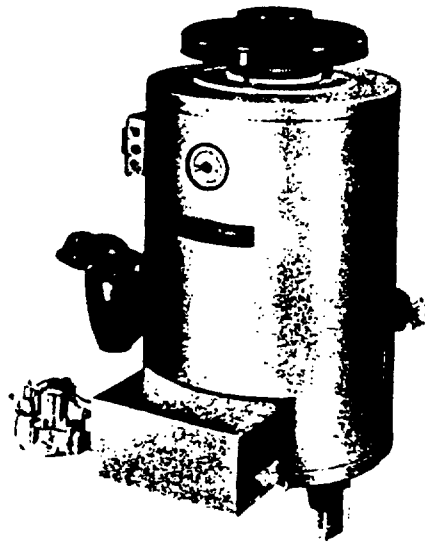
20763



GPR

gas boiler

water only



series 1B

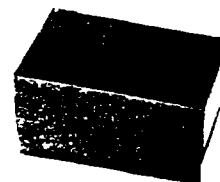
GPR-60

GPR-80

20764

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

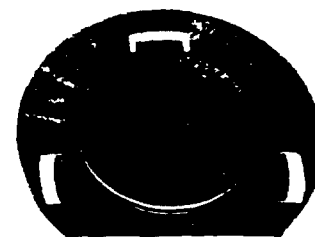
cat. no.	description	part no.
1	manifold cover	22621
2	junction box plate	22591
3	bottom pan	22615
4	thermocouple, 88-F, 24"	6605
5	burner strip, 3 req'd.	22595
6	base leg, 3 req'd.	19530
7	burner spud - aluminum	7617
	- brass	7618
8	pilot valve, 991L-995	5683
9	removable ribbon burner	2502
10	drilled port burner	2501
11	top insulation	6499
12	limit controls AY-553, high	5802
13	AY-552, high (S.E.)	5794
	limit control retainer bracket	23472
14	switch mounting plate for hi-lo switch	23295
15	limit control switch	7727



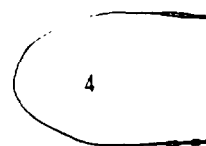
1



2



3



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5



6



7



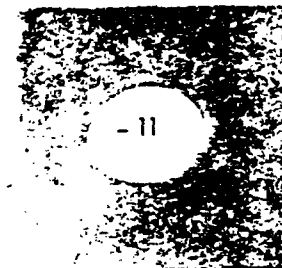
8



9



10



11



12



13

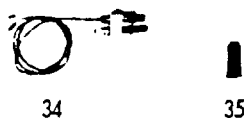
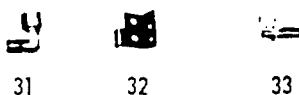
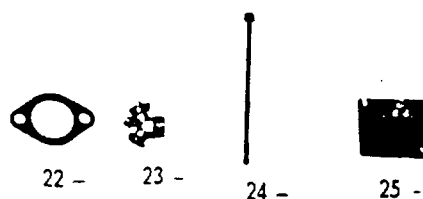
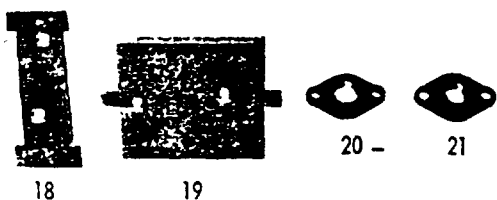
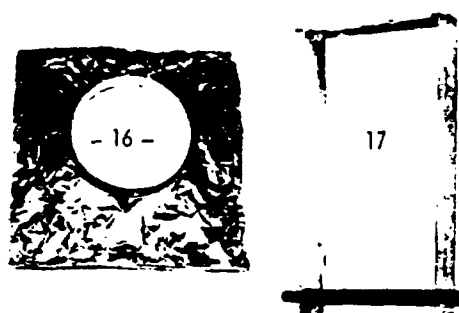


14



15

20765



GPR gas boiler water only

note: parts are used for 1B series

cat. no.	description	part no.
16	canopy w/insulation	2245
17	burner drawer and manifold assembly	900
18	3 section baffle	2245
19	4 section baffle	2263
20	1/4" drain valve flange	60
21	1" circulator flange	60
22	1/4" and 1" flange gasket	623
23	drain valve	566
24	tie bolt - 7 1/2", 3 sect. - 10 1/2", 4 sect.	741 741
25	transformer, AT-30	789
26	air shutter	1317
27	junction box extension ring	610
28	1/2" manual shut-off valve	570
29	pilot line filter	613
30	1/2" O.D. tubing elbow connector	572
31	1/4" M x 1/4" O.D. tubing elbow connector	572
32	pilot, bracket and vent tube clip	2656
33	pilot burner - manual control, 2D12-9	696C
34	pilot generator for self-energizing controls, PG-9A06	6297
35	stream diverter	5950

20766

**GPR gas boiler
water only**

note: parts are used for 1B series

cat. no.	description	part no.
36	drafthood assembly	22614
37	base assembly	22623
38	combustion chamber assembly	22611

sections

The GPR section assemblies require strategic placement of blind nipples to insure proper internal circulation. For this reason, individual sections are not available. Complete section assemblies must be ordered.

Section assemblies including tie bolts:

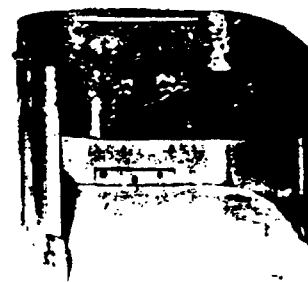
GPR-60	9264
GPR-80	9265



36



37

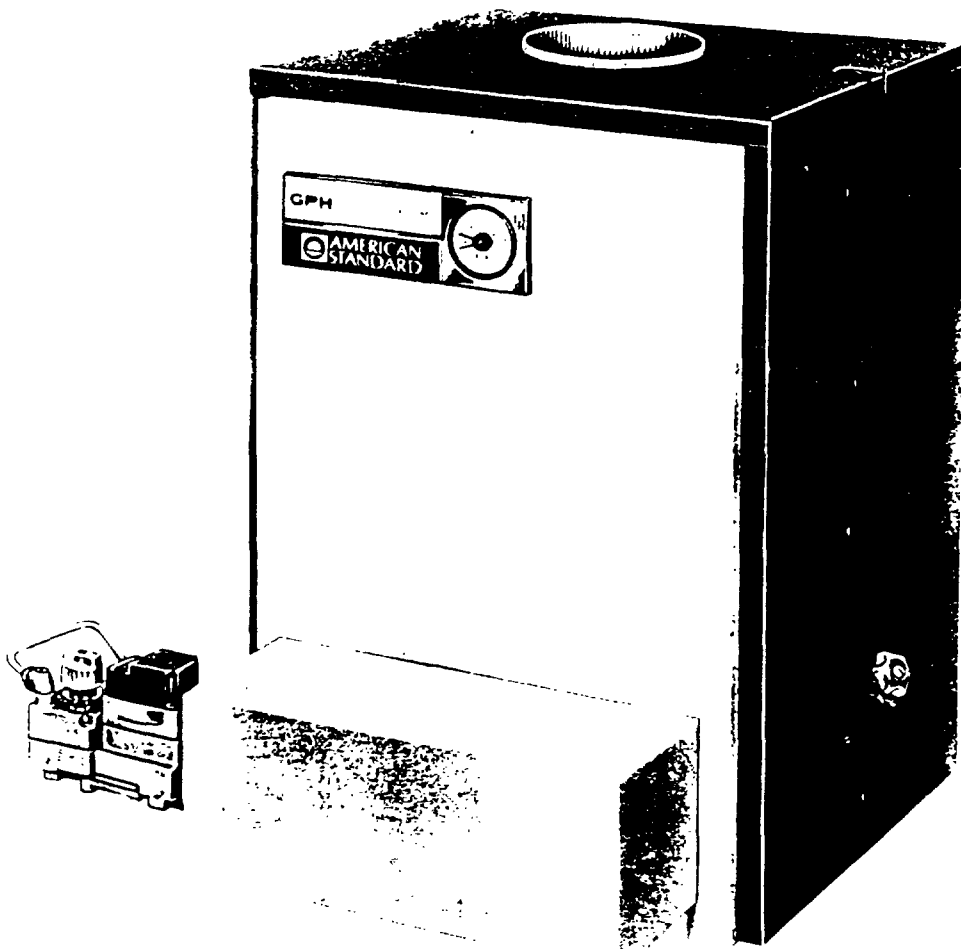


38



GPH

packaged gas-fired boilers
hot water



series 1B & 2B

GPH-60
GPH-80 series 1B to 2BN

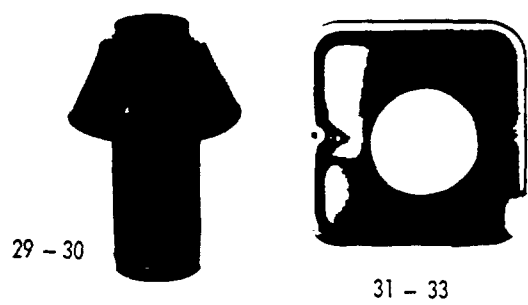
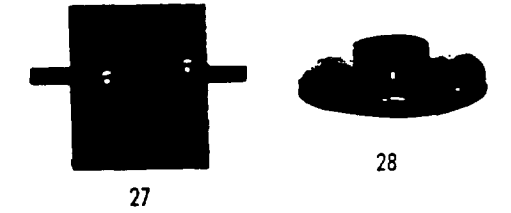
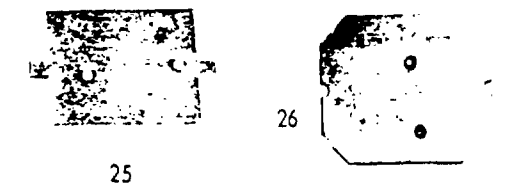
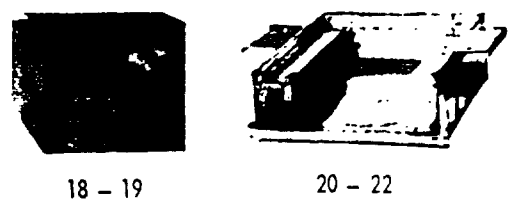
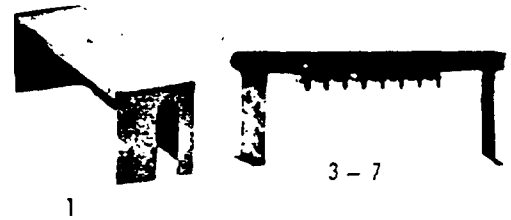
series 1B thru 4B

GPH-100
GPH-135 series 1B to 4BN
GPH-170

20768

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

cat. no.	description	part no.	series
1	manifold cover:		
2	GPH-60 & 80	28198	
	GPH-100-170	28200	
3	manifold with brackets, less orifices:		
4	GPH-60	9226	
5	GPH-80	9227	
6	GPH-100	9010	
7	GPH-135	9011	
	GPH-170	9012	
8	burner access door:		
9	GPH-60	24133	1B, 2B & 2BN
10	GPH-80	24134	1B, 2B & 2BN
11	GPH-100	23684	1B
12	GPH-135	23685	1B
13	GPH-170	23686	1B
14	GPH-100	24191	2B thru 4BN
15	GPH-135	24192	2B thru 4BN
	GPH-170	24193	2B thru 4BN
16	main burner:		
17	GPH-60 & 80	5435	
	GPH-100-170	5448	
18	base assemblies complete:		
19	GPH-60	27391	
20	GPH-80	27392	
21	GPH-100	24197	
22	GPH-135	24198	
	GPH-170	24199	
23	combustion chamber:		
	GPH-60 & 80	5590	
24	flue baffle:		
25	GPH-60	24136	
26	GPH-80	22636	
27	GPH-100	23683	
	GPH-135	23682	
28	drafthood:		
29	GPH-60 & 80	22614	
30	GPH-100	5955	
	GPH-135 & 170	5956	
31	canopies:		
32	GPH-60 & 80	24137	
	GPH-60 & 80 (special order)	24190	





34



35

36 - 41



42 - 46



47 - 48



49



50



51 - 52



53

54 - 55



56 - 57



58 - 59

GPH gas boiler water only

note: parts are used for series 1B thru 4B

cat. no.	description	part no.	series
33	canopies, continued: GPH-100, 135, & 170	23679	
34	top insulation GPH-100, 135, & 170	6486	
35	main burner orifice	7618	
36	pilot burner orifice GPH-60 & 80: natural gas — .026 for Q327 burner	6905	
37	L.P. gas — .014 for Q327 burner	6896	
38	pilot burner orifice GPH-100, 135, & 170: natural gas — .026 for 2R36 burner	7646	1B & 2B
39	L.P. gas — .014 for 2R36 burner	7647	1B & 2B
40	pilot burner orifice GPH-100, 135, & 170: natural gas — .022 for Q327 burner	6905	3B, 4B & 4BN
41	L.P. gas — .012 for Q327 burner	6896	3B, 4B & 4BN
42	pilot burner Q327 (with orifice) GPH-60 thru 170: 24 volt — nat. & mix.	7036	
43	24 volt — L.P.	7037	
44	S. E. — nat. & mix.	7038	
45	S. E. — L.P.	7039	
46	(Q327 replaces Q314 pilot M.V. & 24V) 2R-36-21 less orifice	6973	1B & 2B
47	pilot generator, PG-9(S.E.) GPH-100-170	6298	1BSE & 2BSE
48	Thermopile Q313 for Q327 (S.E.)	5576	3BSE, 4BSE & 4BNSE
49	pilot throttling valve GPH-100-170	5683	1B & 2B
50	manual shut-off valve, 1/2" GPH-100-170	5707	1B & 2B
51	thermocouple, 88F-24", GPH-100-170	6605	1B & 2B
52	thermocouple, Q309 — 24" GPH-60 & 80	6617	1B & 2B
53	GPH-100-170 transformer, AT-30	7890	3B, 4B & 4BN All
54	limit controls: AY-553 high (24V.)	5802	
55	AY-552 high (S.E.)	5794	
56	limit control retaining bracket: GPH-60 & 80	22639	1B, 2B & 2BN
57	GPH-100-170	22639	1B thru 4B
58	hi-lo limit switch: GPH-60 & 80	7727	1B
59	GPH-100-170	7727	1B & 2B

20770

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

cat. no.	description	part no.	series
60	hi-lo limit switch mounting plate:		
61	GPH-60 & 80	23295	1B
	GPH-100-170	23295	1B & 2B
	circulator flange.		
62	1" GPH-60 & 80	0600	
63	1 1/4" GPH-100-170	2519	
	circulator flange gasket:		
64	GPH-60 & 80	} 6230	
65	GPH-100-170		
66	drain valve	5664	
67	pilot filter	6138	

* section assemblies

The GPH assemblies require strategic placement of blind nipples to insure proper internal circulation. For this reason individual sections are not available. Complete section assemblies must be ordered. Always indicate series number of boiler involved when ordering section assemblies.

section assemblies including tie bolts.	part no.	series
GPH-60	9259	all
GPH-80	9260	all
GPH-100	9261	all
GPH-135	9262	all
GPH-170	9263	all

NOTE

Note. In some cases jacket panels for prior series will have to be altered or replaced to compensate for changes in supply and return connection locations.

* not shown



60 - 61



62 - 63



64 - 65



66



67

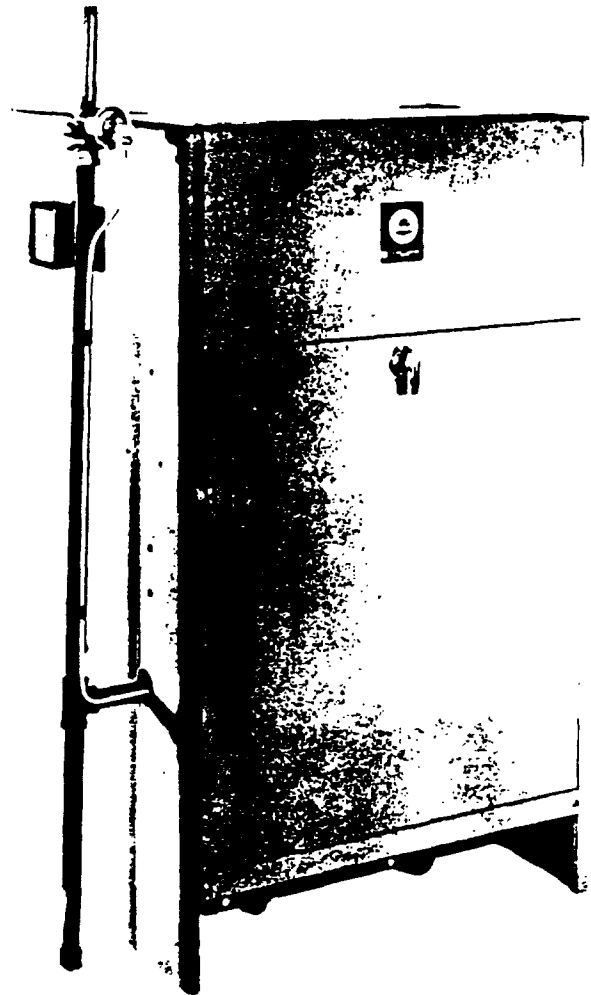


G-4

gas boiler
steam and water



series 1B to 3B
steam



series 1B to 3B
water

20772

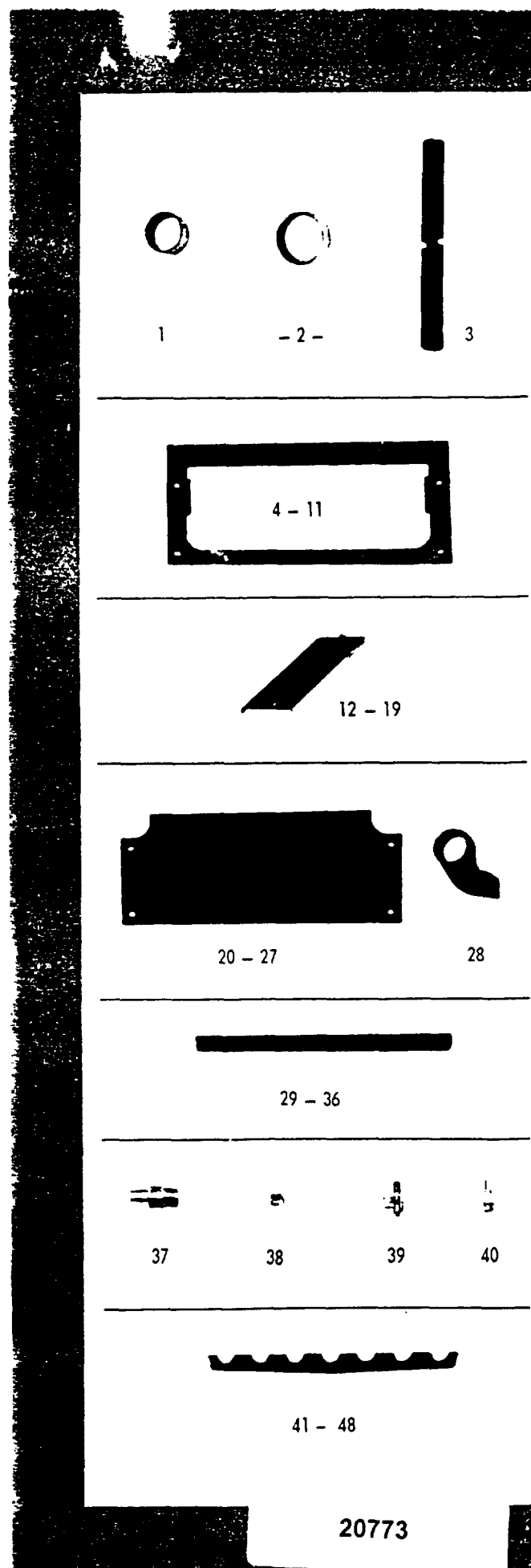
Cast iron repair parts for this boiler will be discontinued by series as follows:

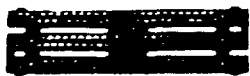
series 1B - Dec. 31, 1977
series 2B - Dec. 31, 1979
series 3B - Dec. 31, 1981

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

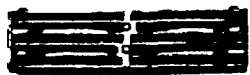
cat. no.	description	part no.
1	assembly nipple, 3" bottom	3076
2	assembly nipple, 4" top	3077
3	cleanout cover plate	2933
front burner door frame.		
4	4 section	2608
5	5 section	2609
6	6 section	2610
7	7 section	2611
8	8 section	2612
9	9 section	2613
10	10 section	2614
11	11 section	2615
front burner door.		
12	4 section	97119
13	5 section	97121
14	6 section	97123
15	7 section	97125
16	8 section	97127
17	9 section	97129
18	10 section, 2 required	97121
		97123
19	11 section, 2 required	97123
back combustion chamber cover: (1B & 2B only)		
20	4 section	2616
21	5 section	2617
22	6 section	2618
23	7 section	2619
24	8 section	2620
25	9 section	2621
26	10 section	2622
27	11 section	2623
28	manifold bracket	2627
manifold 1',"		
29	4 section	9209
30	5 section	9210
31	6 section	9211
32	7 section	9212
33	8 section	9213
34	9 section	9214
35	10 section	9215
36	11 section	9216
37	burner orifice holder	6450
*38	main burner orifice	7613
*39	pilot burner, 2D11-8N	6962
*40	pilot orifice (nat.)	7644
burner support:		
41	4 section	2600
42	5 section	2601
43	6 section	2602
44	7 section	2603
45	8 section	2604
46	9 section	2605
47	10 section	2606
48	11 section	2607

* specify type of gas





49



50 - 51



52



53



54 - 61



62



63 - 70



71 - 75



76



77



78



79



80



81



82



83



84

G-4 gas boiler

note: parts are used for 1B thru 3B

cat. no.	description	part no.
*49	burner, Nat gas	262-
*50	ribbon burner, Mfd. gas	262f
*51	ribbon burner, Nat., Mixed LP and LP-air gas	263f
52	mixing tube	262f
53	air shutter	7796f
	canopy, steel:	
54	4 section	9716-
55	5 section	9716s
56	6 section	9716f
57	7 section	97167
58	8 section	9716s
59	9 section	9716f
60	10 section	9717f
61	11 section	97171
62	canopy hook	96161
	draft hood:	
63	4 section	97191
64	5 section	97192
65	6 section	97193
66	7 section	97194
67	8 section	97195
68	9 section	97196
69	10 section	97197
70	11 section	97198
	manual shut-off valve:	
71	size 1/4"	5707
72	size 1/2"	5691
73	size 1"	5695
74	size 1 1/4"	5698
75	size 1 1/2"	5700
76	pilot patrol filter	6141
77	pilot throttling valve, 1/8" x 1/4" O.D. tubing connector	5683
78	1/4" O.D. straight tubing union connector	5737
79	1/4" M x 1/4" O.D. straight tubing connector	5735
80	1/4" M x 1/4" O.D. elbow tubing connector	5728
81	1/4" O.D. tubing tee connector with 1/8" M branch	7825
82	terminal block, 5 point	5106
83	vent tube with tip	9144
84	vent tube clip	5639
85	drain valve (not illustrated)	5662
*86	ribbon cluster (3 req'd. per burner) (not illustrated)	9079

20774

G-4 gas boiler

note: parts are used for 1B thru 3B

sections

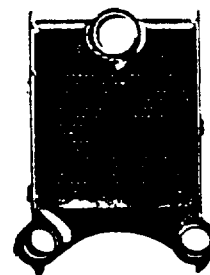
cat. no.	description	part no.
500	right hand end section	4514
501	left hand end section	4516
502	center section	4515



500



501

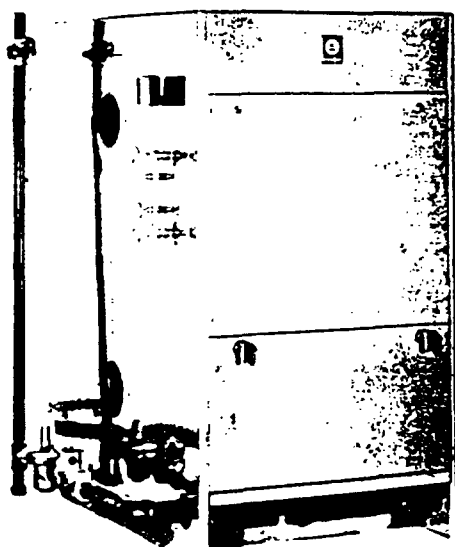


502

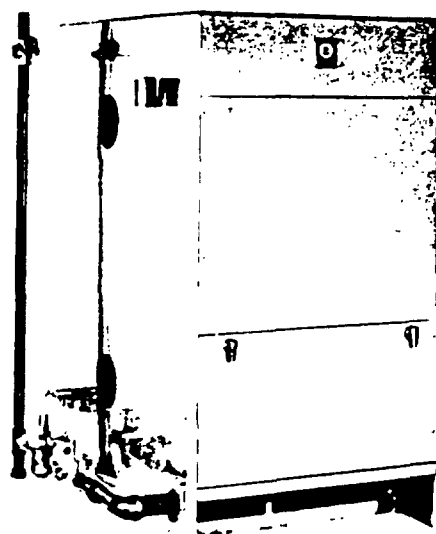


G-6

gas boiler
steam and water



series 1B to 3B
steam



series 1B to 3B
water

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

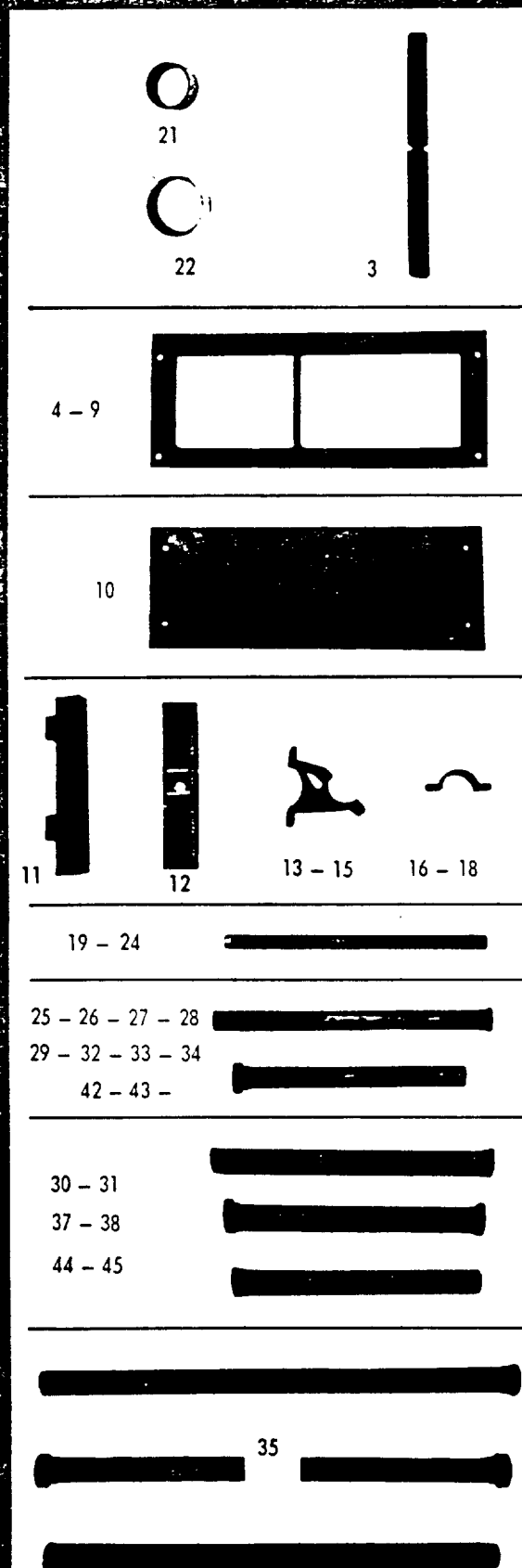
series 1B - Dec. 31, 1976
series 2B - Dec. 31, 1979
series 3B - Dec. 31, 1980

20776

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

cat. no.	description	part no.
1	assembling nipple, 4" bottom	3077
2	assembling nipple, 6" top	3081
3	cleanout cover plate	2977
	front or back base frame.	
4	6 section	2650
5	7 or 13 section	2651
6	8, 15 or 22 section	2652
7	9, 15, 25 and 33 section	2653
8	10, 19, 28 and 37 section	2654
9	11, 21, 31 and 41 section	2655
10	end base frame, R.H. or L.H.	2656
11	intermediate base frame	2657
12	end section stop block	1023
*13	2" manifold bracket	2661
*14	2 1/2" manifold bracket	2660
*15	3" manifold bracket	2658
*16	2" manifold bracket cap	2663
*17	2 1/2" manifold bracket cap	2662
*18	3" manifold bracket cap	2659
	2" manifold only, 1/2" tappings, for all gases:	
19	6 section, 1 piece	9114
20	7 section, 1 piece	9115
21	8 section, 1 piece	9116
22	9 section, 1 piece	9117
23	10 section, 1 piece	9118
24	11 section, 1 piece	9119
	2" manifold only, 1/2" tappings, for Nat., Mixed, LP, LP-air (801 to 1400 Btu).	
25	13 section, 2 pieces	9120
26	15 section, 2 pieces	9121
27	17 section, 2 pieces	9122
27A	19 section, 2 pieces	9123
	2 1/2" manifold only, 1/2" tappings, for Nat., Mixed, LP, LP-air (801-1400 Btu).	
28	19 section, 2 pieces	9124
29	21 section, 2 pieces	9125
30	22 section, 3 pieces	9126
31	25 section, 3 pieces	9127
	2 1/2" manifold only, 1/2" tappings for Mfd. and LP-air (525-800 Btu):	
32	13 section, 2 pieces	9128
33	15 section, 2 pieces	9129
34	17 section, 2 pieces	9130
35	31 section, 4 pieces	9131
36	33 section, 4 pieces	9132
	3" manifold only, 1/2" tappings, for all gases:	
37	28 section, 3 pieces	9133

* specify type of gas



G-6 gas boiler

note: parts are used for 1B thru 3B

39 - 40 - 41

36 - 46 - 47

48 - 49 50 51

52

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54 - 59

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61 - 62

63

64 - 64A

cat. no.	description	part no.
3" manifold only, 1/2" tappings, for Nat., Mixed, LP-air (801-1400 Btu):		
38	31 section, 3 pieces	9134
39	33 section, 4 pieces	9135
40	37 section, 4 pieces	9136
41	41 section, 4 pieces	9137
3" manifold only, 1/2" tappings, for Mfd. and LP-air (525-800 Btu):		
42	19 section, 2 pieces	9138
43	21 section, 2 pieces	9139
44	22 section, 3 pieces	9140
45	25 section, 3 pieces	9141
46	37 section, 4 pieces	9142
47	41 section, 4 pieces	9143
48	burner orifice holder 3B series	6456
49	burner orifice holder 1B, 2B	6455
*50	main burner orifice	7614
*51	pilot burner, 2D12-8	6964
*52	pilot orifice (nat.)	7644
53	pilot bracket	96349
burner support:		
54	6 section	2664
55	7 and 13 section	2665
56	8, 15, and 22 section	2666
57	9, 17, 25, and 33 section	2667
58	10, 19, 28, and 37 section	2668
59	11, 21, 31, and 41 section	2669
60	burner, Natural gas	2674
*61	ribbon burner, Mfd. gas**	2676
*62	ribbon burner, Mixed, LP and LP-air gases**	2676
63	mixing tube	2670
64	air shutter 1B & 2B	2671
64A	air shutter 3B	2675
**	ribbon cluster (3 req'd. per burner)	9113

20778

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

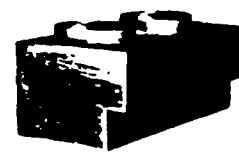
cat. no.	description	part no.
canopy, steel:		
65	6 section	97574
66	7, and 13 section	97575
67	8, 15, and 22 section	97576
68	9, 17, 25, and 33 section	97577
69	10, 19, 28, and 37 section	97578
70	11, 21, 31, and 41 section	97579
71	canopy hook	96161
draffhood:		
72	6 section	96113
73	7, and 13 section	96114
74	8, 15, and 22 section	96115
75	9, 17, 25, and 33 section	96116
76	10, 19, 28, and 37 section	96117
77	11, 21, 31, and 41 section	96118
78	assembly rod coupling	5841
manual shut-off valve:		
79	size 1½", 603-604	5698
80	size 1½", 624-625	5700
81	size 2", 939-940	5702
82	size 2½", 941-940	5705
83	size 3", 1610	7938
84	3" x 10" nipple with pilot tapping	7076
♦manual shut-off valve with push button switch:		
♦85	size 1½", 603-604	5699
♦86	size 1½", 624-625	5701
♦87	size 2", 939-940	5703
88	pilot patrol filter, X-53	6141
89	pilot patrol filter, X-10-A	6140
90	pilot patrol filter, X-10	6139
91	pilot throttling valve ¼" M x ¼" O.D. tubing connector	5683
92	pilot throttling valve ¼" M x ¼" F, 280-704	5682
93	¼" O.D. straight tubing union connector	5737
94	¼" F x ¼" O.D. straight tubing coupling	5734
95	¼" M x ¼" O.D. straight tubing connector	5735
96	¼" M x ¼" O.D. straight tubing connector	5733
97	¼" M x ¼" O.D. straight tubing connector	5736
98	¼" O.D. x ¼" O.D. x ¼" M tubing tee connector	7825
99	¼" O.D. tubing tee connector	7823
100	¾" O.D. x ¾" O.D. x ¾" M tubing tee connector	7830
101	¼" O.D. elbow tubing union connector	5729
102	¼" M x ¼" O.D. elbow tubing connector	5728
103	¼" F x ¼" O.D. elbow tubing connector	5727
104	terminal block, 5 point	5106
105	vent tube with tip	9144
106	vent tube clip	5639
107	drain valve	5662



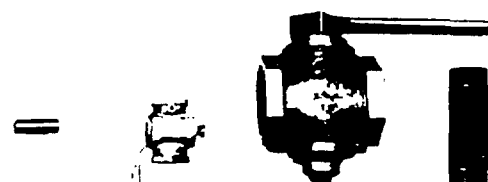
65 - 70 -



72 - 74



75 - 77



78

79 - 82

83

84



85 - 87

88 - 90

91

91



97



98

99

100



101

102

103



104

105

106



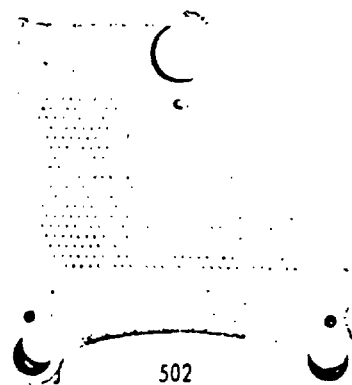
107



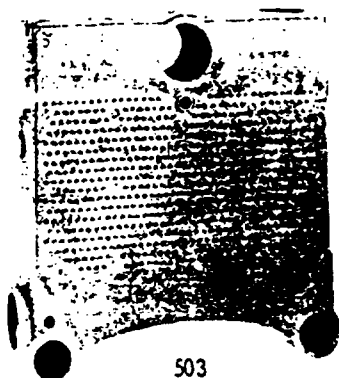
500



501



502



503

G-6 gas boiler

note: parts are used for 1B thru 3B

sections

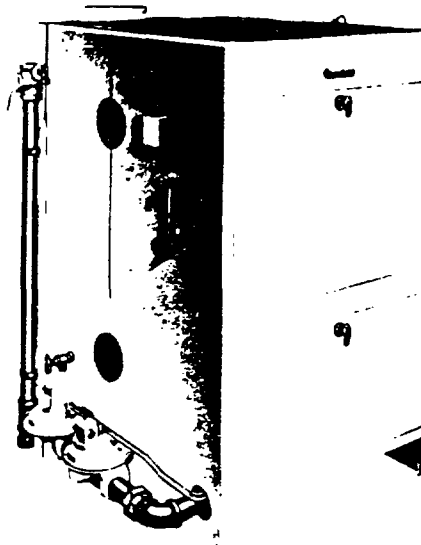
cat. no.	description	part no.
500	right hand end section	4530
501	left hand end section	4534
502	center section	4531
503	intermediate section	4533

20780

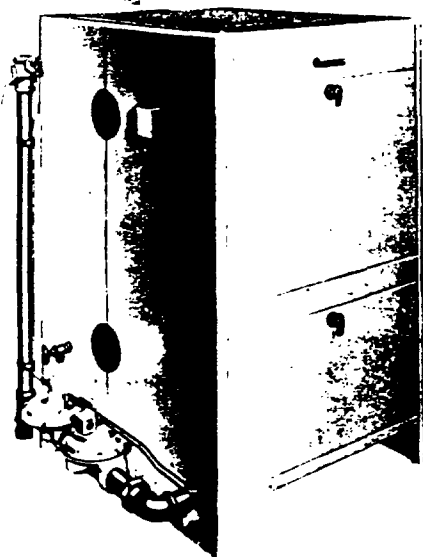


G-60

gas boiler
steam and water



series 1B, 1BN, 2B
steam



series 1B, 1BN, 2B
water

G-606 thru G-6041

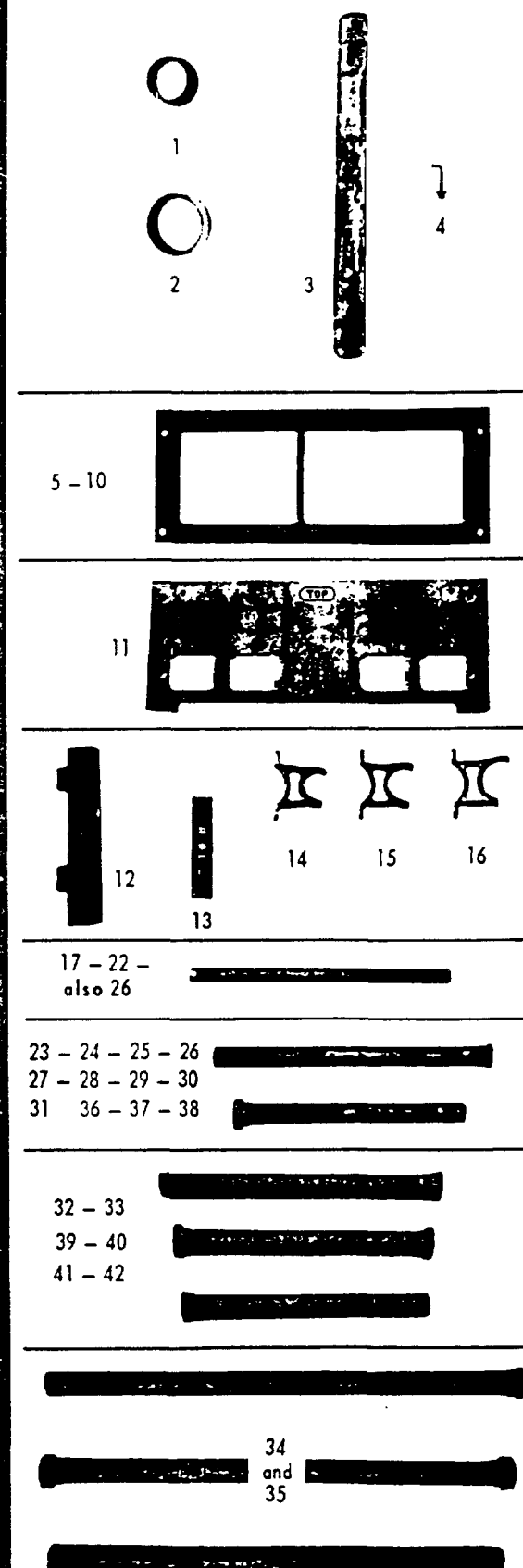
20781

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

cat. no.	description	gases used for	part no.
1	assembling nipple, 4" bottom		3077
2	assembling nipple, 6" top		3081
*3	cleanout cover plate		2703
4	cleanout cover plate hook bolt		5181
	front or back base frame:		
5	6 section		2680
6	7 or 13 section		2681
7	8, 15 or 22 section		2682
8	9, 17, 25 and 33 section		2683
9	10, 19, 28 and 37 section		2684
10	11, 21, 31 and 41 section		2685
11	end base frame, R.H. or L.H.		2686
12	intermediate base frame		2701
13	end section stop block		1023
*14	2" manifold bracket		2687
*15	2½" manifold bracket		2688
*16	3" manifold bracket		2689
	*2" manifold only, ½" tapings		
17	6 section, 1 piece	All Types	9080
18	7 section, 1 piece	All Types	9081
19	8 section, 1 piece	All Types	9082
20	9 section, 1 piece	All Types	9083
21	10 section, 1 piece	All Types	9084
22	11 section, 1 piece	Nat. & L.P.	9085
23	13 section, 2 pieces	Nat. & L.P.	9086
24	15 section, 2 pieces	Nat. & L.P.	9087
25	17 section, 2 pieces (1BN & 2B)	Nat. & L.P.	9088
	*2½" manifold only, ½" tapings		
26	11 section, 1 piece	Mfd., LP-air & Mix	9089
27	13 section, 2 pieces	Mfd., LP-air & Mix	9090
28	15 section, 2 pieces	Mfd., LP-air & Mix	9091
29	17 section, 2 pieces (series 1B)	Nat. & L.P.	9092
30	19 section, 2 pieces	Nat. & L.P.	9093
31	21 section, 2 pieces	Nat. & L.P.	9094
32	22 section, 3 pieces	Nat. & L.P.	9095
33	25 section, 3 pieces (1BN & 2B)	Nat. & L.P.	9096
34	28 section, 4 pieces	Nat., LP-air & Mixed	9097
35	41 section, 4 pieces (series 1B)	Nat., Mixed & LP-air	9098

*asbestos wicking, ½" x 38½" lg.

(qty. pcs. req'd are one less than total number of sections)



*specify type of gas

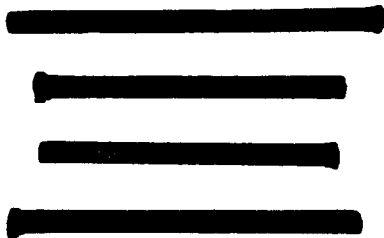
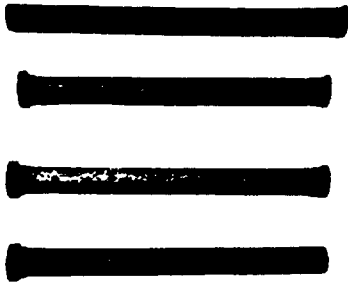
G-60 gas boiler

note: parts are used for 1B, 1BN & 2B series

44 - 46 - 48

43 - 45 -

47 - 49



50

51

52

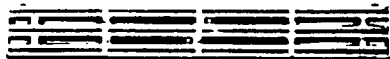
53

54

55 - 60



61



62 - 63



64



65

cat. no.	description	gases used for	part no.
*3" manifold only, 1/4" tappings			
36	17 section, 2 pieces	Mfd., LP-air & Mixed	9099
37	19 section, 2 pieces	Mfd., LP-air & Mixed	9100
38	21 section, 2 pieces	Mfd., LP-air & Mixed	9101
39	22 section, 3 pieces	Mfd., LP-air & Mixed	9102
40	25 section, 3 pieces (series 1B)	All Types	9103
41	28 section, 4 pieces	Nat. & L.P.	9104
42	31 section, 3 pieces	Nat. & L.P.	9105
43	31 section, 4 pieces	Mfd., LP-air & Mixed	9106
44	33 section, 4 pieces	Nat. & L.P.	9107
45	33 section, 4 pieces	Mfd., LP-air & Mixed	9108
46	37 section, 4 pieces	Nat. & L.P.	9109
47	37 section, 4 pieces	Mfd., LP-air & Mixed	9110
48	41 section, 4 pieces (1 BN & 2B)	Nat. & L.P.	9111
49	4I section, 4 pieces	Mfd., LP-air & Mixed	9112
50	burner orifice holder		6456
*51	main burner orifice		7614
*52	pilot burner, 2D12-8		6964
*53	pilot orifice (nat.)		7644
54	pilot bracket		96349
burner support:			
55	6 section		2690
56	7 and 13 section		2691
57	8, 15, and 22 section		2692
58	9, 17, 25, and 33 section		2693
59	10, 19, 28, and 37 section		2694
60	11, 21, 31, and 41 section		2695
61	main burner w/drill ports, Nat. gas (for pilot)		2700
	(plain port burner)		2678
62	ribbon burner, Mfd. gas**		2672
63	ribbon burner, Mixed, LP & LP-air**		2673
64	mixing tube		2670
65	air shutter		2675
65A	air shutter dual fuel		2702
65B	closing plate for dual fuel air shutter		26830
**	ribbon cluster (3 req'd. per burner)		9113

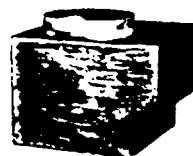
20783

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

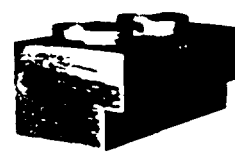
cat. no.	description	part no.
canopy, steel:		
66	6 section	97574
67	7, and 13 section	97575
68	8, 15, and 22 section	97576
69	9, 17, 25, and 33 section	97577
70	10, 19, 28, and 37 section	97578
71	11, 21, 31, and 41 section	97579
72	canopy hook (not illustrated)	96161
draffhood:		
73	6 section	96113
74	7, and 13 section	96114
75	8, 15, and 22 section	96115
76	9, 17, 25, and 33 section	96116
77	10, 19, 28, and 37 section	96117
78	11, 21, 31, and 41 section	96118
79	assembly rod coupling	5841
manual shut-off valve:		
80	size 1 $\frac{1}{2}$ ", 603-604	5698
81	size 1 $\frac{1}{2}$ ", 624-625	5700
82	size 2", 939-940	5702
83	size 2 $\frac{1}{2}$ ", 941-940	5705
84	size 3", 1610	7938
85	3' x 10" nipple with pilot tapping	7076
86	pilot patrol filter, X-53	6141
87	pilot patrol filter, X-10-A	6140
88	pilot patrol filter, X-10	6139
89	pilot throttling valve $\frac{1}{4}$ " M x $\frac{1}{4}$ " O.D. tubing connector, 991L-995	5683
90	pilot throttling valve $\frac{1}{4}$ " M x $\frac{1}{4}$ " F, 280-704	5682
91	$\frac{1}{4}$ " O.D. straight tubing union connector	5737
92	$\frac{1}{4}$ " F x $\frac{1}{4}$ " O.D. straight tubing coupling	5734
93	$\frac{1}{4}$ " M x $\frac{1}{4}$ " O.D. straight tubing connector	5735
94	$\frac{1}{4}$ " M x $\frac{1}{4}$ " O.D. straight tubing connector	5733
95	$\frac{1}{4}$ " M x $\frac{1}{4}$ " O.D. straight tubing connector	5736
96	$\frac{1}{4}$ " O.D. x $\frac{1}{4}$ " M x $\frac{1}{4}$ " O.D. tubing tee connector	7825
97	$\frac{1}{4}$ " O.D. tubing tee connector	7823
98	$\frac{1}{4}$ " O.D. x $\frac{1}{4}$ " M x $\frac{1}{4}$ " O.D. tubing tee connector	7830
99	$\frac{1}{4}$ " O.D. elbow tubing union connector	5729
100	$\frac{1}{4}$ " M x $\frac{1}{4}$ " O.D. elbow tubing connector	5728
101	$\frac{1}{4}$ " F x $\frac{1}{4}$ " O.D. elbow tubing connector	5727
102	terminal block, 5 point	5106
103	vent tube with tip	9144
104	vent tube clip	5639
105	electric ignition transformer, 4914	7869
106	drain valve	5662
107	pilot manifold support clamp 2"	14575
108	pilot manifold support clamp 2 $\frac{1}{2}$ "	14576
109	pilot manifold support clamp 3"	14577



66 - 71



73 - 75



76 - 78



79 -



80 - 83



84



85



86 - 88



89



90



91



92



93 - 94



95



96



97



98



99



100



101



102



103



104



105



106



107



108



109

G-60 gas boiler

note: parts are used for 1B, 1BN & 2B series

cat. No.	description	part no.
110	thermocouple, 88F-30"	6606
111	auto. pilot switch, blrs. w/non-100% shutoff, A-850-1	6985
112	safety pilot switch, blrs. w/ 100% shutoff, C-852D-2 (#853-1)	6984
113	auto. pilot line valve, A-817F-11	7953
114	electric ignition switch, 339-1	6983
115	electric ignitor lead, 89B-30"	6615
116	electric pilot line valve, V4046C	8058
ELECTRONIC CONTROL SYSTEM PARTS		
117	flame rectifier pilot for electric ign. (nat.), Q-179-A	6974
117A	flame rectifier pilot for electric ign. (mfd. & mix.), Q-179-A	6990
117B	flame rectifier pilot for electric ign. (L.P.-air), Q-179-A	6970
118	flame rectifier pilot for manual ign. (nat.), Q-179-B	6976
118A	flame rectifier pilot for manual ign. (mfd. & mix.), Q-179-B	6991
118B	flame rectifier pilot for manual ign. (L.P.-air), Q-179-B	6971
119	adaptor for modifying Q-179-B for EPG-2 system, 100% shut-off	5005
120	electric ignition trans. (EGO, EPGO, EG3 & EPG3), 612-6A7	7863
DUAL GAS PARTS		
121	2" manifold bracket cap	2663
122	2" to 2" intermediate manifold piece, 6 to 11 & 13 to 17 section boilers	2698
123	2½" to 2" intermediate manifold piece, 19 & 21, 22 & 25 section boilers	2697
124	3" to 2" intermediate manifold piece, 28 & 31, 33 to 41 section boilers	2696

20785

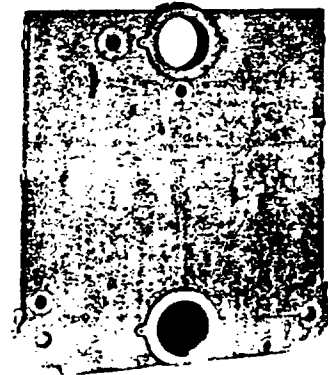
G-60 gas boiler

note: parts are used for 1B, 1BN & 2B series

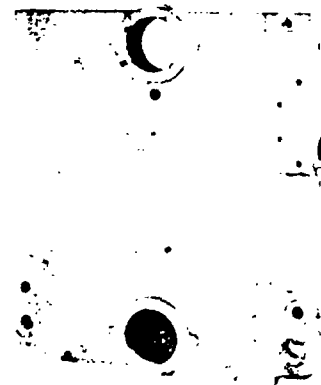
cat. no.	description	part no.
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sections

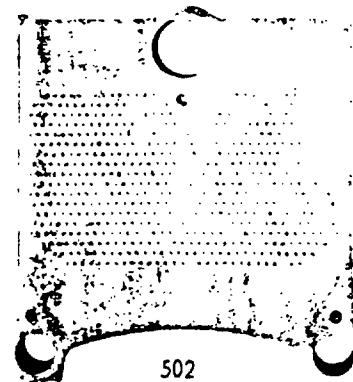
500	right hand end section	4530
501	left hand end section	4530
502	center section	4531
503	intermediate section	4533



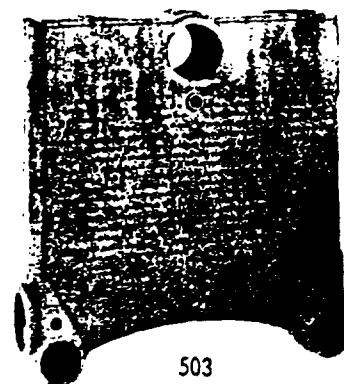
500



501



502

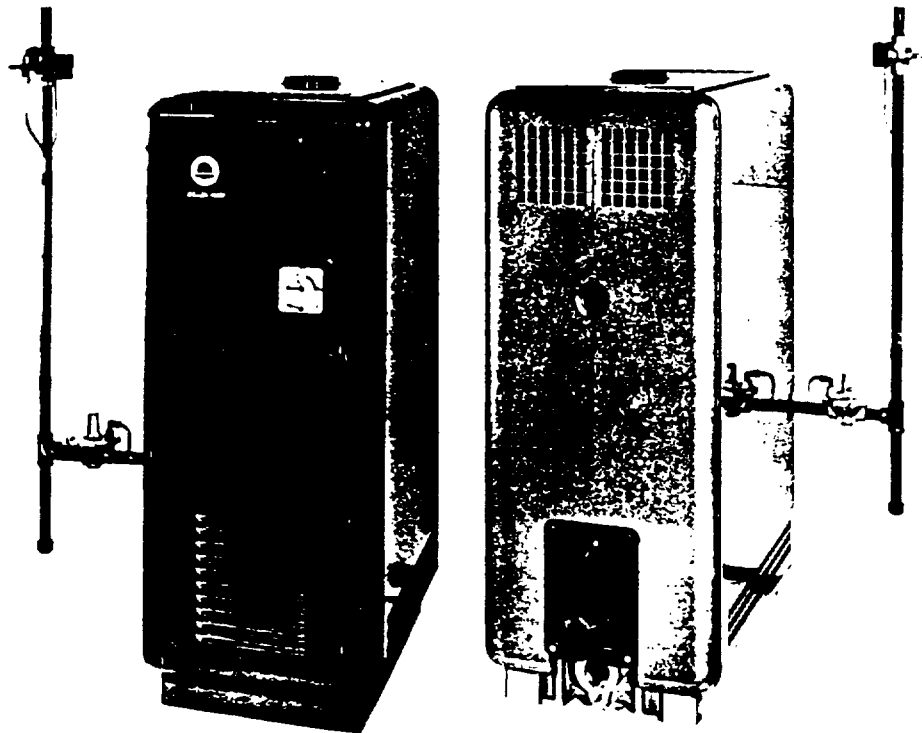


503



1-GA 1-GA-E

Standard gas boiler
Empire gas boiler
water only



series 10B

1-GA-4-E
1-GA-5-E
1-GA-6-E

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

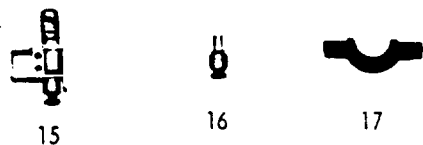
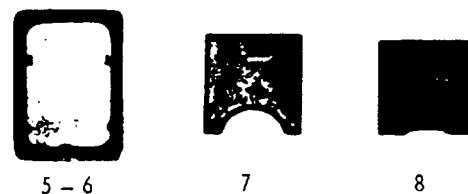
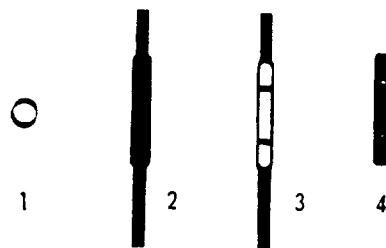
series 10B — Dec. 31, 1974

20787

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	assembly nipple 1½"	6788	
2	filler plate	2827	
3	filler plate, open	2825	
4	cleanout cover plate	2826	
5	front burner door frame	2800	
6	back burner door frame	2800	
7	front burner door	2802	
8	back burner door	2801	
9	manifold, bracket, L.H.	2864	7B to 10B
10	manifold, bracket, R.H.	2863	7B to 10B
11	manifold pipe, all gases	6730	7B to 10B
12	orifice holder	6454	7B to 10B
*13	main burner orifice	7613	
†14	pilot burner assembly		7B & 8B
*15	pilot burner assembly, 2D11-7	6961	7B to 10B
*16	pilot orifice for 2D11 burner (Nat.)	7644	7B to 10B
17	burner support	2824	
18	air shutter, Nat. & Mixed, LP, LP-air and Mfd., ribbon burner	77965	6B to 10B
19	air shutter, Mfd. drilled burner	79846	7B to 10B

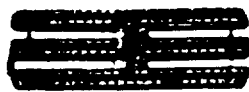


* specify type of gas

† Not available (shown for identification purposes only) Substitute Cat. No. 15 for 14. Also order new thermocouple lead #6596.



20 - 23 - 29



21 - 24 - 30



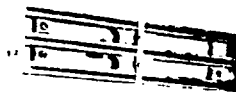
22 - 25 - 31



26



27



28



32



33



34



35



36



37



41 - 42

1-GA Standard & 1-GA-E Empire gas boilers 10B series

cat. no.	description	part no.	series no.
burner, Mfd. gas:			
20	4 section	2804	
21	5 section	2807	
22	6 section	2810	
burner, Nat. & Mixed gas:			
23	4 section	2805	
24	5 section	2808	
25	6 section	2811	
ribbon burner, Mfd. gas:			
26	4 section	2867	
27	5 section	2869	
28	6 section	2865	
burner, LP-gas:			
29	4 section	2806	7B to 10E
30	5 section	2809	7B to 10B
31	6 section	2812	7B to 10E
mixing tube:			
32	4 section	2833	7B to 10B
33	5 section	2818	
34	6 section	2820	
canopy:			
35	4 section	2830	
36	5 section	2831	
37	6 section	2832	
steel liners for canopy. (2 per set)			
38	4 section	83306	7B to 10B
39	5 section	83307	7B to 10B
40	6 section	83308	7B to 10B
draft hood:			
41	3" diameter - 4 section	82940	
42	4" diameter - 5 & 6 section	82941	

20789

1-GA Standard & 1-GA-E Empire gas boilers

10b series

cat. no.	description	part no.	series no.
43	1/2" manual shut-off valve	5707	7B to 10B
44	pilot patrol filter	6138	7B to 10B
45	electric ignition transformer	7869	10B
46	pilot bracket, manual	82980	7B to 10B
47	throttling valve, 1/4" M x 1/4" tubing	5683	7B to 10B
48	1/4" x 1/2" union tubing connector	5737	7B to 10B
49	split nut and packing gland	6829	7B to 10B
50	runner pilot with valve and connector	6977	7B to 10B
51	pilot valve 1/4" M x 1/4" M	5674	7B to 10B
52	drain valve	5662	
53	terminal block (4 point)	5105	7B to 10B
54	terminal block (5 point)	5106	7B to 10B
55	vent tube with tip	9144	7B to 10B
56	vent tube clip	5639	7B to 10B
57	runner pilot clamp (2 per set)	87499	7B to 10B
†58	burner valve, 1/2" male x 1/2" female	—	7B to 10B
†59	orifice holder (short)	—	7B to 10B
60	1/4" M x 1/4" straight tubing connector	5733	
61	1/4" M x 1/4" elbow tubing connector	5728	7B to 10B
62	1/2" tubing tee	7823	7B to 10B
63	pilot patrol filter	6141	7B to 10B

cat. no.	description	part no.
500	front section or back section	4700
501	center section	4701



43



44



45



46



47



48



49



50



51



53



54



56



57



58



59



60



61



62



63



500



501

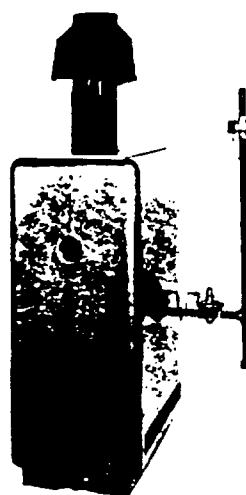
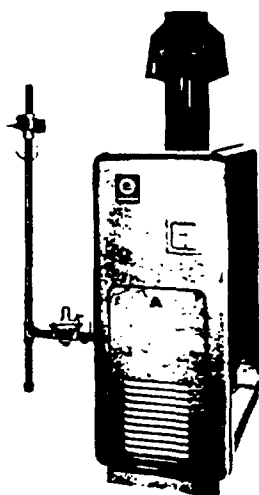
† Not available (shown for identification purposes only). Substitute orifice holder, part no. 6454, for cat. no. 58 & 59.



2-GA

2-GA-E

standard gas boiler
Empire gas boiler
water only



series 12B & 13B

2-GA-4-E
2-GA-5-E
2-GA-6-E
2-GA-7-E

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

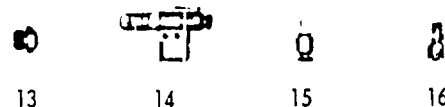
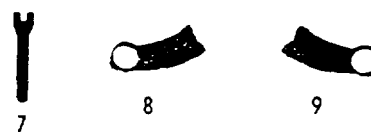
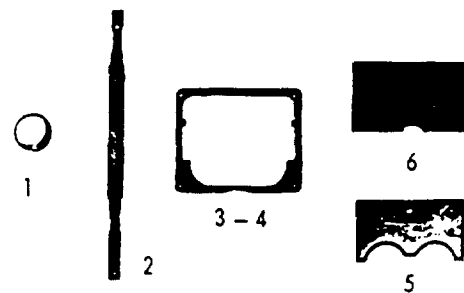
series 12B — Dec. 31, 1969
series 13B — Dec. 31, 1974

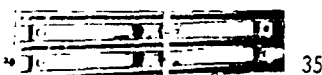
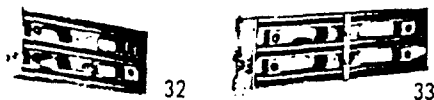
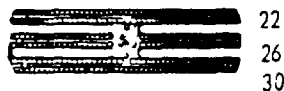
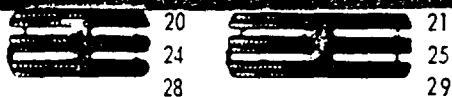
20791

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, 2"	3072	12B & 13B
2	cleanout cover plate	2862	
3	front burner door frame	2850	7B to 13B
4	back burner door frame	2850	7B to 13B
5	front burner door	2852	7B to 13B
6	back burner door	2851	7B to 13B
7	manifold bracket	2829	7B
8	manifold bracket, L. H.	2863	8B to 13B
9	manifold bracket, R. H.	2864	8B to 13B
10	manifold pipe, all gases	6731	9B to 13B
11	orifice holder	6454	8B to 12B
12	orifice holder	6450	13B
*13	main burner orifice	7613	
*14	pilot burner 2D11-8	6968	11B to 13B
*15	pilot orifice for 2D11 burner (Nat.)	7644	11B to 13B
16	$\frac{1}{4}$ " M x $\frac{1}{4}$ " straight tubing connector	5733	8B to 13B
17	burner support	2856	
18	air shutter, Nat. & Mixed, LP-air, LP and ribbon burner	77965	7B to 13B
19	air shutter, Mfd. gas, drilled port burner	79846	8B to 13B





40 - 41



42



44 - 47



48 - 50



51



52

2-GA standard & 2-GA-E Empire gas boilers

note: parts are used for 12B & 13B
where series is not shown

cat. no.	description	part no.	series no.
burner, Mfd. gas:			
20	4 section	2804	
21	5 section	2807	
22	6 section	2810	
23	7 section	2813	
burner, Nat. & Mixed gas:			
24	4 section	2805	
25	5 section	2808	
26	6 section	2811	
27	7 section	2814	
burner, L.P.-gas:			
28	4 section	2806	8B to 13B
29	5 section	2809	8B to 13B
30	6 section	2812	8B to 13B
31	7 section	2815	8B to 13B
ribbon burner, Mfd. gas:			
32	4 section	2867	
33	5 section	2869	
34	6 section	2865	
35	7 section	2871	
mixing tube:			
36	4 section	2816	
36A	4 section - L.P. only	2817	
37	5 section	2818	
37A	5 section - L.P. only	2819	
38	6 section	2820	
38A	6 section - L.P. only	2821	
39	7 section	2822	
39A	7 section - L.P. only	2823	
canopy:			
40	4 section	2857	
41	5 section	2858	
42	6 section	2859	
43	7 section	2860	
draft hood:			
44	4 & 5 section Empire - 5" diameter	82732	
45	4 & 5 section Standard - 5" diameter	83076	
46	6 section Empire - 6" diameter	82733	
46A	7 section Empire - 6" diameter	94173	
47	6 section Standard - 6" diameter	83077	
47A	7 section Standard - 6" diameter	93360	
48	1/2" manual shut-off valve	5707	8B to 13B
49	3/4" manual shut-off valve	5691	8B to 13B
50	1" manual shut-off valve	5696	8B to 13B
51	pilot patrol filter	6138	8B to 13B
52	electric ignition transformer	7869	13B

20793

2-GA standard & 2-GA-E

Empire gas boilers

note: parts are used for 12B & 13B
where series is not shown

cat. no.	description	part no.	series no.
53	manual pilot bracket	82980	8B to 13B
54	1/4" x 1/4" union tubing connector	5737	8B to 13B
55	throttling pilot valve 1/4" M x 1/4" tubing connector	5683	8B to 13B
56	terminal block, 4 point	5105	8B to 13B
57	drain valve	5662	
58	vent tubing with tip	9144	8B to 13B
59	vent tube clip	5639	8B to 13B
60	split nut and packing gland	6829	8B to 13B
61	1/4" M x 1/4" elbow tube connector	5728	8B to 13B
62	runner pilot with push button valve and connector	6977	8B to 13B
63	runner pilot clamp (2 per set)	87499	8B to 13B
64	pilot patrol filter	6141	8B to 13B
65	terminal block, 5 point	5106	8B to 13B
66	1/4" tubing tee	7823	8B to 13B



53



54



55



56



59



60



61



62



63



64



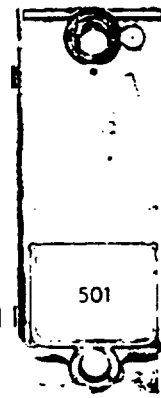
65



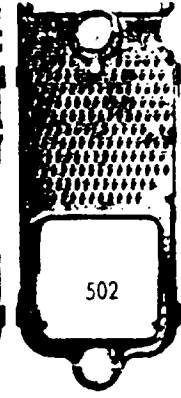
66



500



501



502

sections

cat. no.	description	part no.	series no.
*500	front section	4703	
501	back section	4705	6B to 13B
502	center section	4704	

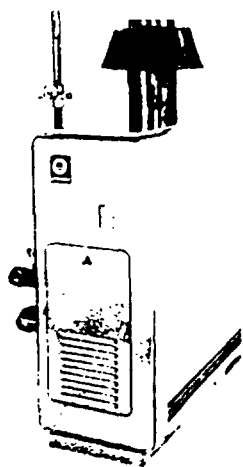
* can be used as back section on series 4B & 5B



4-GA

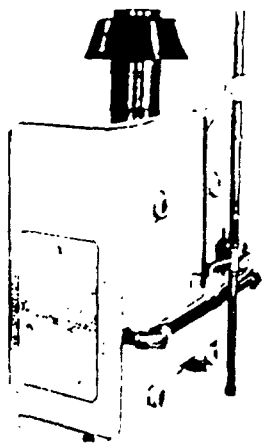
4-GA-E

Standard gas boiler
Empire gas boilers
water only



series 10B & 11B

4-GA-8-E
4-GA-9-E
4-GA-11-E



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

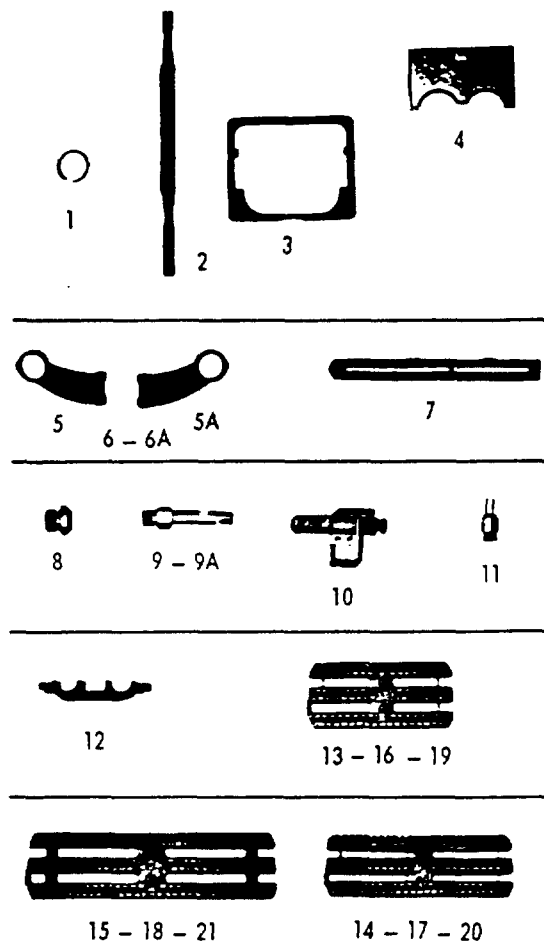
series 10B — Dec. 31, 1969
series 11B — Dec. 31, 1974

20795

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, 2'	3072	
2	cleanout cover plate	2862	
3	burner door frame F. or B.	2850	
4	burner door F. or B.	2852	
5	manifold bracket, R.H.	2864	7B to 10B
5A	manifold bracket, R.H.	2873	11B
6	manifold bracket, L.H.	2863	7B to 10B
6A	manifold bracket, L.H.	2874	11B
7	manifold pipe	6732	7B to 11B
* 8	main burner orifice	7613	
9	orifice holder — long	6454	7B to 10B
9A	orifice holder — short	6450	11B
*10	pilot burner, 2D11-8	6962	7B to 11B
*11	pilot orifice for 2D11 burner (Nat.)	7644	9B to 11B
12	burner support	2856	
burner, Mfd. gas:			
13	8 section	2804	11B
14	8 & 9 section	2807	
15	11 section	2810	
burner, Nat., & Mixed gas:			
16	8 section	2805	11B
17	8 & 9 section	2808	
18	11 section	2811	
burner, LP-gas:			
19	8 section	2806	7B to 11B
20	8 & 9 section	2809	7B to 11B
21	11 section	2812	7B to 11B



* specify type of gas



22 - 22A



24 - 24A



23 - 23A



25 - 25A



26 - 26A



27 - 27A



28 - 28A



29



30 - 32



33 - 34



35 - 37



38

4-GA standard & 4-GA-E Empire gas boilers

note: parts are used for 10B & 11B
where series is not shown

cat. no.	description	part no.	series no
ribbon burners:			
*22	8 section, Mfd. gas	2867	11B
*22A	8 section, Propane gas	2868	11B
*23	8 & 9 section, Mfd. gas	2869	
*23A	8 & 9 section, Propane gas	2870	11B
*24	11 section, Mfd. gas	2865	
*24A	11 section, Propane gas	2866	11B
mixing tubes for drill port burners, all gases and ribbon burners, Mfd. gas only:			
*25	8 section	2816	6B to 11B
*26	8 & 9 section	2818	
*27	11 section	2820	
mixing tubes for Propane gas ribbon burners only:			
*25A	8 section	2892	11B
*26A	8 & 9 section	2891	11B
*27A	11 section	2890	11B
28	air shutter, Nat. & Mixed, LP, LP-air and Mfd. gas (ribbon burners)	77965	6B to 11B
28A	air shutter Propane gas, 11 section	98691	11B
29	air shutter, Mfd. gas (drilled burners)	79846	7B to 11B
canopy:			
30	8 section, Empire	92810	6B to 11B
31	9 section, Empire	92841	6B to 11B
32	11 section, Empire	92843	6B to 11B
draft hood:			
33	7" diameter, 8 & 9 section, Empire	5948	6B to 11B
34	8" diameter, 11 section, Empire	5949	6B to 11B
35	1/4" manual shut-off valve	5691	7B to 11B
36	1" manual shut-off valve	5696	7B to 11B
37	1 1/4" manual shut-off valve	5698	7B to 11B
38	1/4" M x 1/4" straight tubing connector	5733	7B to 11B

* specify type of gas

20797

4-GA standard & 4-GA-E Empire gas boilers

note: parts are used for 10B & 11B
where series is not shown

cat. no.	description	part no.	series no.
39	manual pilot bracket	82980	7B to 11B
40	1/4" union tubing connector	5737	7B to 11B
41	throttling pilot valve, 1/4" M x 1/4" tubing	5683	7B to 11B
42	pilot valve, 1/4" M x 1/4" M	5674	7B to 11B
43	1/4" M x 1/4" tubing elbow connector	5728	7B to 11B
44	vent tubing with tip	9144	7B to 11B
45	vent tubing clip	5639	7B to 11B
46	runner pilot with push button valve and connector	6977	7B to 11B
47	runner pilot clamp (2 per set)	87499	7B to 11B
48	split nut and packing gland	6829	7B to 11B
49	pilot patrol filter	6141	7B to 11B
50	1/2" tubing tee	7823	7B to 11B
51	terminal block. 4 point	5105	7B to 11B
52	terminal block. 5 point	5106	7B to 11B
53	pilot valve bracket	85925	7B to 11B
54	drain valve	5662	

sections

cat. no.	description	part no.	series no.
500	end section	4703	
501	center section	4704	
504	intermediate section	4707	7B to 11B



39 -



40



41



42



43



45



46



47



48



49



50



51



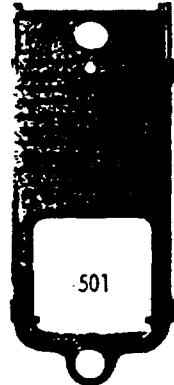
52



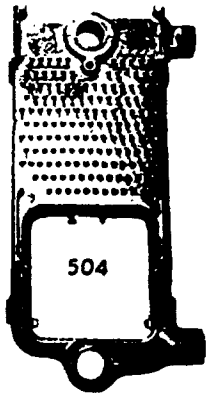
53



500



501



504



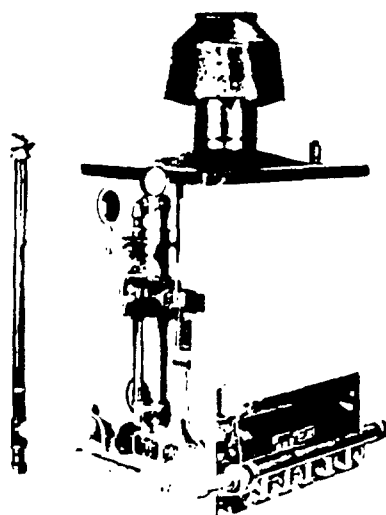
1-G

1-G-E

Standard gas boiler

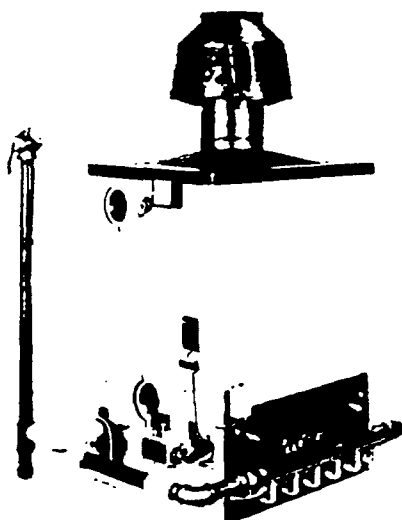
Empire gas boiler

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

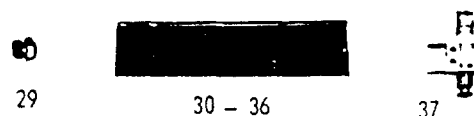
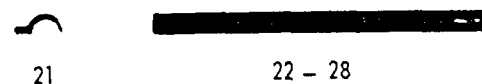
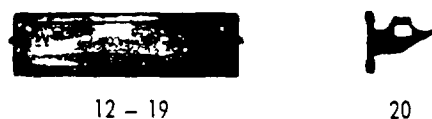
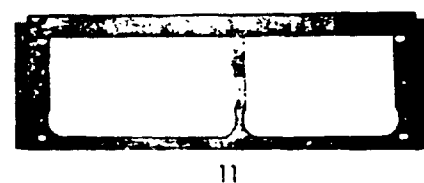
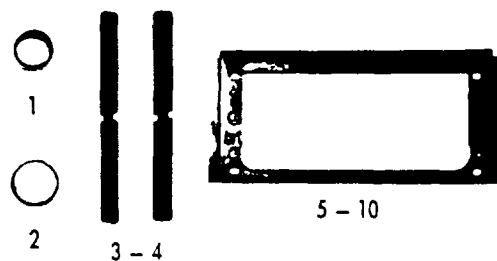
20799

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



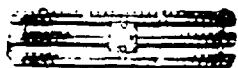
45



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

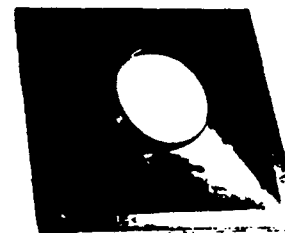
cat. no.	description	part no.	series no.
*38	pilot orifice for 2D11 burner (Nat.)	7644	21B
39	pilot bracket, manual	83303 (Rev.)	20B & 21B
40	1/8" M x 1/4" straight tubing connector	5733	20B & 21B
41	1/8" M x 1/4" elbow tubing connector	5728	20B & 21B
42	1/4" union tubing connector	5737	20B & 21B
43	1/4" union elbow connector	5729	20B & 21B
44	1/4" M x 3/8" straight tubing connector	5736	20B & 21B
45	1/4" M x 3/8" 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

20801

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 1/2"	5698	20B & 21B
77	size 1 1/2"	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 1/4" tubing connector	5683	20B & 21B
84	terminal block, 5 point	5106	20B & 21B



61 - 67



68





85 -



86 -



87 -



88 -



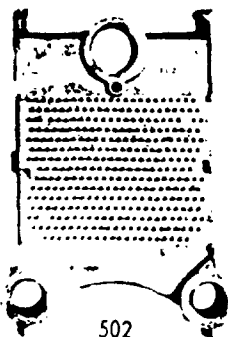
90



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 & 21
86	LP-gas, 6 to 10 section	82705	20B & 21
87	LP-air	82702	20B & 21
88	push button valve, 1/4" Male x 1/4" female, 6 to 10 section, LP-gas	5677	20B & 21
89	vent tube with tip	9144	20B & 21
90	vent tube clip	5639	20B & 21
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

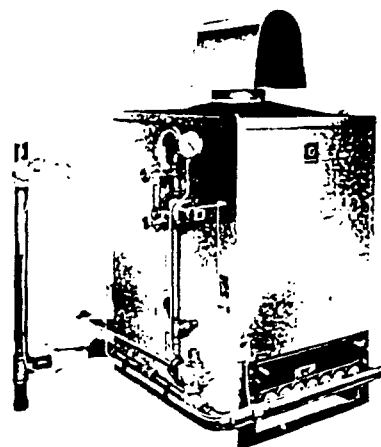
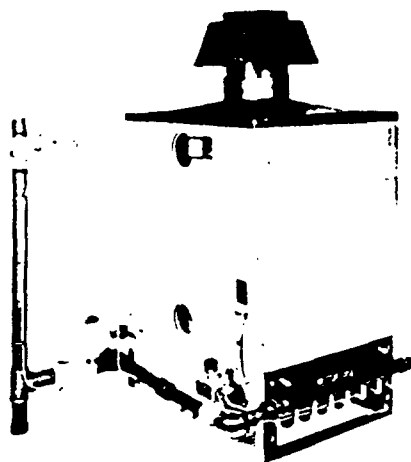
Note: Order sections by part number.

20803



4-G

standard gas boiler
steam and water



series 7B to 10B

4-GS or GW-6, 7, 8, 9, 10, 11, 13, 15, 17,
19, 21, 22, 25, 28, 31, 33, 37, 41

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

series 7B — Dec. 31, 1971

series 8B & 9B — Dec. 31, 1972

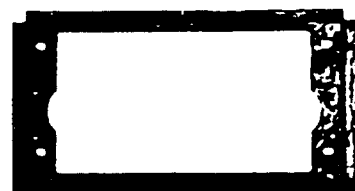
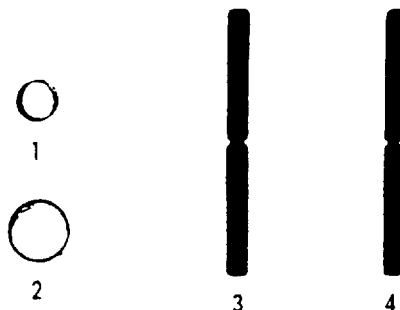
series 10B — Dec. 31, 1975

20804

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, 4" — bottom	3077	
2	assembling nipple, 6" — top	3081	
3	cleanout cover plate	2977	
4	filler plate	2976	
front or back burner door frame:			
* 5	6 section	2952	6B & 7B
* 6	7 & 13 section	2953	6B & 7B
* 7	8, 15 & 22 section	2954	6B & 7B
* 8	9, 17, 25 & 33 section	2955	6B & 7B
* 9	10, 19, 28 & 37 section	2956	6B & 7B
*10	11, 21, 31 & 41 section	2957	6B & 7B
front or back burner door frame:			
*11	6 section	2952	8B to 10B
*12	7 & 13 section	2953	8B to 10B
*13	8, 15 & 22 section	2954	8B to 10B
*14	9, 17, 25 & 33 section	2955	8B to 10B
*15	10, 19, 28 & 37 section	2956	8B to 10B
*16	11, 21, 31 & 41 section	2957	8B to 10B
front or back burner door:			
17	6 section	2958	6B to 10B
18	7 & 13 section	2959	6B to 10B
19	8, 15 & 22 section	2960	6B to 10B
20	9, 17, 25 & 33 section	2961	6B to 10B
21	10, 19, 28 & 37 section	2962	6B to 10B
22	11, 21, 31 & 41 section	2963	6B to 10B
23	1½" manifold bracket cap (6 to 11 section)	2935	6B & 7B
24	2" manifold bracket cap (13 to 41 section)	2979	6B & 7B
25	1½" manifold bracket (6 to 11 section)	2980	6B & 7B
26	2" manifold bracket (13 to 41 section)	2981	6B & 7B
manifold bracket:			
27	1½" — 6 to 11 section	2982	8B to 10B
28	2" — 13 to 41 section	2983	8B to 10B
1½" manifold with tappings for ¾" orifice holder:			
29	6 section, 24½" long, 5 tappings (2 per boiler)	9159	6B & 7B
30	7 section, 28½" long, 6 tappings (2 per boiler)	9160	6B & 7B
31	8 section, 32½" long, 7 tappings (2 per boiler)	9161	6B & 7B
32	9 section, 36½" long, 8 tappings (2 per boiler)	9162	6B & 7B
33	10 section, 40½" long, 9 tappings (2 per boiler)	9163	6B & 7B
34	11 section, 44½" long, 10 tappings (2 per boiler)	9164	6B & 7B



5 - 16



17 - 22



23



24

20805



25 - 26



27 - 28



29 - 40



41 - 50

4-G standard gas boiler

note: parts are used for 6B to 10B
where series is not shown

cat. no.	description	part no.	series no.
1 1/4" manifold with tappings for 1/4" orifice holder:			
35	6 section, 24 1/4" long, 5 tappings (2 per boiler)	9178	8B to 10B
36	7 section, 28 1/4" long, 6 tappings (2 per boiler)	9179	8B to 10B
37	8 section, 32 1/4" long, 7 tappings (2 per boiler)	9180	8B to 10B
38	9 section, 36 1/4" long, 8 tappings (2 per boiler)	9181	8B to 10B
39	10 section, 40 1/4" long, 9 tappings (2 per boiler)	9182	8B to 10B
40	11 section, 44 1/4" long, 10 tappings (2 per boiler)	9183	8B to 10B
2" manifold with tappings for 3/4" orifice holder:			
41	13 section, 28 1/4" long, 6 tappings (4 per boiler)	9165	6B & 7B
42	15 & 22 section, 32 1/4" long, 7 tappings (4 per boiler)	9166	6B & 7B
	22 section, 32 1/4" long, 7 tappings (6 per boiler)	9166	6B & 7B (LP Gas)
43	17 & 25 section, 36 1/4" long, 8 tappings (4 per boiler)	9167	6B & 7B
	33 section, 36 1/4" long, 8 tappings (4 per boiler)	9167	6B & 7B
	33 section, 36 1/4" long, 8 tapping (4 per boiler)	9167	6B & 7B
44	19 section, 40 1/4" long, 9 tappings (4 per boiler)	9168	6B & 7B
	28 section, 40 1/4" long, 9 tappings (4 per boiler)	9168	6B & 7B
	37 section, 40 1/4" long, 9 tappings (4 per boiler)	9168	6B & 7B
	37 section, 40 1/4" long, 9 tappings (4 per boiler)	9168	6B & 7B
45	21 section, 44 1/4" long, 10 tappings (4 per boiler)	9169	6B & 7B
	31 section, 44 1/4" long, 10 tappings (4 per boiler)	9169	6B & 7B
	41 section, 44 1/4" long, 10 tappings (4 per boiler)	9169	6B & 7B
	41 section, 44 1/4" long, 10 tappings (4 per boiler)	9169	6B & 7B
2" manifold with tappings for 1/2" orifice holder:			
46	13 section, 28 1/4" long, 6 tappings (4 per boiler)	9184	8B to 10B
47	15 & 22 section, 32 1/4" long, 7 tappings (4 per boiler)	9185	8B to 10B

20806

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

cat. no.	description	part no.	series no.
2" manifold with tappings for $\frac{1}{2}$ " orifice holder:			
48	17 & 25 section, $36\frac{1}{2}$ " long, 8 tappings (4 per boiler)	9186	8B to 10B
	33 section, $36\frac{1}{2}$ " long, 8 tappings (4 per boiler)	9186	8B to 10B
	33 section, $36\frac{1}{2}$ " long, 8 tappings (4 per boiler)	9186	8B to 10B
49	19 section, $40\frac{1}{2}$ " long, 9 tappings (4 per boiler)	9187	8B to 10B
	28 section, $40\frac{1}{2}$ " long, 9 tappings (4 per boiler)	9187	8B to 10B
	37 section, $40\frac{1}{2}$ " long, 9 tappings (4 per boiler)	9187	8B to 10B
	37 section, $40\frac{1}{2}$ " long, 9 tappings (4 per boiler)	9187	8B to 10B
50	21 section, $44\frac{1}{2}$ " long, 10 tappings (4 per boiler)	9188	8B to 10B
	31 section, $44\frac{1}{2}$ " long, 10 tappings (4 per boiler)	9188	8B to 10B
	41 section, $44\frac{1}{2}$ " long, 10 tappings (4 per boiler)	9188	8B to 10B
	41 section, $44\frac{1}{2}$ " long, 10 tappings (4 per boiler)	9188	8B to 19B
2" manifold with tappings for $\frac{3}{4}$ " orifice holder with open end for all gases except L.P.-Gas:			
51	22 section, $13\frac{1}{8}$ " long, 3 tappings (2 per boiler)	9170	6B & 7B
52	25 section, $17\frac{1}{8}$ " long, 4 tappings (2 per boiler)	9171	6B & 7B
53	28 section, $21\frac{1}{8}$ " long, 5 tappings (2 per boiler)	9172	6B & 7B
54	31 section, $21\frac{1}{8}$ " long, 5 tappings (2 per boiler)	9173	6B & 7B
2" manifold with tappings for $\frac{1}{4}$ " orifice holder closed end.			
55	22 section, $17\frac{1}{8}$ " long, 4 tappings (2 per boiler)	9174	6B & 7B
56	25 section, $17\frac{1}{8}$ " long, 4 tappings (2 per boiler)	9175	6B & 7B
57	28 section, $17\frac{1}{8}$ " long, 4 tappings (2 per boiler)	9176	6B & 7B
58	31 section, $21\frac{1}{8}$ " long, 5 tappings (2 per boiler)	9177	6B & 7B
2" manifold with tappings for $\frac{1}{2}$ " orifice holder with open end:			
59	22 section, $13\frac{1}{8}$ " long, 3 tappings (2 per boiler)	9189	8B to 10B
60	25 section, $17\frac{1}{8}$ " long, 4 tappings (2 per boiler)	9190	8B to 10B
61	28 section, $21\frac{1}{8}$ " long, 5 tappings (2 per boiler)	9191	8B to 10B
62	31 section, $21\frac{1}{8}$ " long, 5 tappings (2 per boiler)	9192	8B to 10B

51 - 54

55 - 58

59 - 62

63 - 66



67



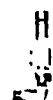
68



69



70



71



72



73



74



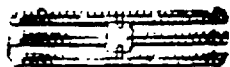
75



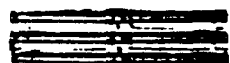
76 - 81



82



83 - 85



86



87

4-G standard gas boiler

note: parts are used for 6B to 10B
where series is not shown

cat. no.	description	part no.	series no.
2" manifold with tappings for 1/4" orifice holder with closed end:			
63	22 section, 17 1/16" long, 4 tappings (2 per boiler)	9193	8B to 10E
64	25 section, 17 1/16" long, 4 tappings (2 per boiler)	9194	8B to 10E
65	28 section, 17 1/16" long, 4 tappings (2 per boiler)	9195	8B to 10E
66	31 section, 21 1/16" long, 5 tappings (2 per boiler)	9196	8B to 10E
67	1/2" straight orifice holder	6450	8B to 10E
*68	main burner orifice	7613	6B to 10E
*69	pilot burner	—	—
*70	pilot orifice (Nat.)	7659	7B & 8B
*71	pilot burner, 5D11-8	—	9B
*72	pilot orifice for 5D11 burner	—	9B
*73	pilot burner, 2D11-8	6962	7B to 10B
*74	pilot orifice for 2D11 burner (Nat.)	7644	7B to 10B
75	pilot bracket	83303 (Rev.)	7B to 10B
burner support:			
76	6 section	2926	6B to 10B
77	7 & 13 section	2927	6B to 10B
78	8, 15 & 22 section	2928	6B to 10B
79	9, 17, 25 & 33 section	2929	6B to 10B
80	10, 19, 28 & 37 section	2930	6B to 10B
81	11, 21, 31 & 41 section	2931	6B to 10B
82	burner support bracket, 13 to 41 section	2951	6B to 10B
83	burner, Mfd. gas	2919	6B to 10B
84	burner, Nat. & Mixed gas	2920	6B to 10B
85	burner, LP-gas	2922	6B to 10B
86	ribbon burner, Mfd. gas	2923	6B to 10B
87	mixing tube	2921	6B to 10B

20808

*specify type of gas

*Not available (shown for identification purposes only). Substitute Cat. No. 73
for Cat. No's. 69 & 71. Specify for use of 500 or 800 series pilot valve. New
Thermo couple lead req'd. Substitute Cat. No. 74 for Cat. No. 72.

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

81

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

cat. no.	description	part no.	series no.
88	air shutter: Nat. & Mixed, LP-gas, LP-air, and Mfd. ribbon burner	77965	6B to 10B
89	air shutter: Mfd. gas, drilled port burner	79846	7B to 10B
secondary air baffle — steel:			
90	6 section	82754	7B to 10B
91	7 & 13 section	82755	7B to 10B
92	8, 15 & 22 section	82756	7B to 10B
93	9, 17, 25 & 33 sections	82757	7B to 10B
94	10, 19, 28 & 37 section	82758	7B to 10B
95	11, 21, 31 & 41 section	82759	7B to 10B
canopy — steel:			
96	6 section	57178	
97	7 & 13 section	57179	
98	8, 15 & 22 section	57180	
99	9, 17, 25 & 33 section	57181	
100	10, 19, 28 & 37 section	57182	
101	11, 21, 31 & 41 section	57183	
* vertical draffhood:			
102	11" diameter — 6 section	—	
103	12" diameter — 7 & 13 section	—	
104	13" diameter — 8, 15 & 22 section	—	
105	14" diameter — 9, 17, 25 & 33 section	—	
106	15" diameter — 10, 19, 28 & 37 section	—	
107	16" diameter — 11, 21, 31 & 41 section	—	



88



89



90 — 95



96 — 101



102 — 107

* Vertical draffhood for series 6B not available. Use series 7B horizontal draffhood as substitute.

108 - 113

114 - 119



120



121 - 125



126



127



128



129



130



131



132



133



134



135



136



137



138



139



140



142

4-G standard gas boiler

note: parts are used for 6B to 10B
where series is not shown

cat. no.	description	part no.	series no
drafthood extension pipe:			
108	11" diameter - 6 section	79765	6B to 10B-
109	12" diameter - 7 & 13 section	79766	6B to 10B-
110	13" diameter - 8, 15 & 22 section	79767	6B to 10B-
111	14" diameter - 9, 17, 25 & 33 section	79768	6B to 10B-
112	15" diameter - 10, 19, 28 & 37 section	79769	6B to 10B-
113	16" diameter - 11, 21, 31 & 41 section	79770	6B to 10B-
horizontal drafthood:			
114	11" diameter - 6 section	88158	7B-J10 to 10B-J1
115	12" diameter - 7 & 13 section	88159	7B-J10 to 10B-J1
116	13" diameter - 8, 15 & 22 section	88160	7B-J10 to 10B-J1
117	14" diameter - 9, 17, 25 & 33 section	88161	7B-J10 to 10B-J1
118	15" diameter - 10, 19, 28 & 37 section	88162	7B-J10 to 10B-J1
119	16" diameter - 11, 21, 31 & 41 section	88163	7B-J10 to 10B-J1
120	tie rod coupling	5841	
manual shut-off valve:			
121	size 1"	5696	7B to 10B
122	size 1 1/4"	5698	7B to 10B
123	size 1 1/2"	5700	7B to 10B
124	size 2"	5702	7B to 10B
125	size 2 1/2"	5705	7B to 10B
126	pilot patrol filter	6139	7B to 10B
127	pilot throttling valve, 1/4" M x 1/4" tubing connector	5683	7B to 10B
128	pilot valve, 1/4" Male x 1/4" Female w/ 1/4" coupling	5682	6B to 10B
129	pilot valve, 1/4" Male x 1/4" Female	5682	9B & 10B
130	1/4" elbow union connector	5729	7B to 10B
131	1/4" straight union connector	5737	7B to 10B
132	1/4" Male x 1/4" tubing straight connector	5735	7B to 10B
133	1/4" Male x 1/4" tubing elbow connector	5725	7B to 10B
134	1/4" tubing tee	7823	7B to 10B
135	1/4" Male x 3/8" tubing x 1/8" tubing tee	7824	7B to 10B
136	1/4" tubing x 1/4" tubing x 1/4" Male tee	7825	7B to 10B
137	1/4" Male x 1/4" tubing elbow connector	5728	7B to 10B
138	1/4" Male x 3/8" O.D. tubing straight connector	5736	7B to 10B
139	push button valve, 1/8" Male x 1/4" female, LP-gas	5677	7B to 10B
140	terminal block	5106	7B to 10B
141	vent tube with tip	9144	7B to 10B
142	vent tube clip	5639	7B to 10B

20810

4-G standard gas boiler

note: parts are used for 6B to 10B
where series is not shown

cat. no.	description	part no.	series no.
143	pilot valve bracket, Nat., Mixed & Mfd. gas	82752	7B to 10B
144	pilot valve bracket, LP-air gas: 10, 11, 19, 21, 22, 25, 28, 31 37 & 41 section	82752	7B to 10B
145	pilot valve bracket, LP-gas: 6 to 11 section	82753	7B to 10B
146	pilot valve bracket, LP-gas: 13 to 41 section	83233	7B to 10B
147	pilot valve bracket, LP-air gas	82751	7B to 10B
148	pilot valve bracket, LP-air gas	82750	7B to 10B
149	pilot valve bracket, LP-air gas: 13, 15, 17, 28, 31, 33, 37 & 41 section	83234	7B to 10B
150	drain valve	5662	

sections

cat. no.	description	part no.	series no.
500	right hand end section	4717	6B to 10B
501	left hand end section	4721	6B to 10B
502	center section	4718	6B to 10B
503	intermediate section (with base)	{ 4719 4720	{ 6B to 10B 6B to 10B



143 - 144



145



146



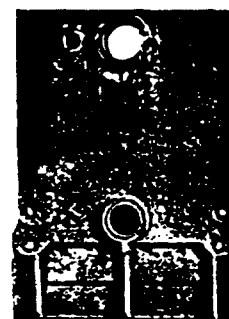
147



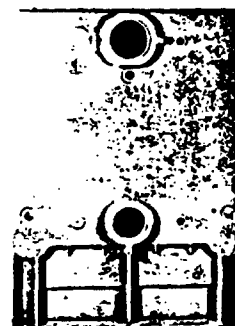
148



149



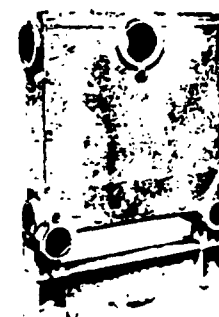
500



501



502

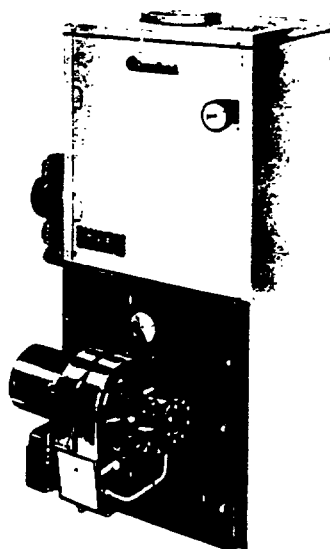


503



AP & APT

oil boiler
water only



series 1B

AP AND APT-95
AP AND APT-130
AP AND APT-165

20812

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

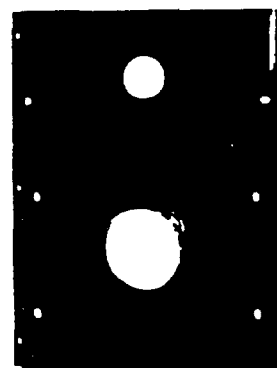
cat. no.	description	part no.
cleanout cover plate assembly:		
1	4 section	13224
2	5 section	13226
3	6 section	13228
4	observation tube plug button	7282
burner plate assembly.		
5	4 section	23930
6	5 section	23931
7	6 section	23932
burner plate insulation.		
8	4 section	6472
9	5 section	6473
10	6 section	6474
canopy.		
11	4 section	23945
12	5 section	23946
13	6 section	23947
combustion chamber assembly.		
14	4 section	5592
15	5 section	5593
16	6 section	5594
17	assembly nipple, 2"	3073
18	assembly nipple, 5"	3079



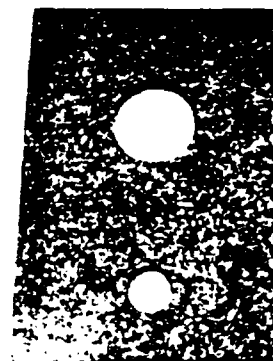
1 - 3



4



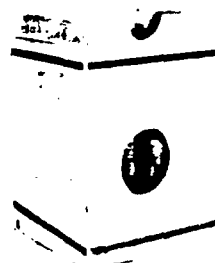
5 - 7



8 - 10



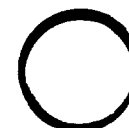
11 - 13



14 - 16



17



18

AP and APT oil boiler water only

note: parts for series 1B



19



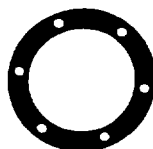
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21



22



23



24

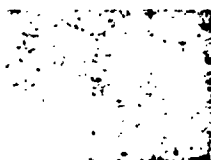


25



26 - 28

29



30 - 32



33 - 35

36 - 38

cat. no.	description	part no.
19	circulator fitting	2513
20	1 1/2" circulator flange	2519
21	circulator gasket	6230
22	draft tube air adjustment and pressure ring	22482
23	water heater gasket	6210
24	cover plate for end sections	23967
25	drain valve	5662
base assembly :		
26	4 section	23936
27	5 section	23937
28	6 section	23938
base assembly insulation.		
29	side piece	6478
30	rear piece: 4 section	6475
31	5 section	6476
32	6 section	6477
33	bottom piece: 4 section	6479
34	5 section	6480
35	6 section	6481
base bottom pan.		
36	4 section	23905
37	5 section	23906
38	6 section	23907
39	water heater cover plate #40G-14044 w. 1/4" tapping	2300

20814

**AP and APT oil boiler
water only**

note: parts for series 1B

sections

cat. no.	description	part no.
500	L. H. end, open	4494
501	center	4495
502	R. H. end	4493



500



501

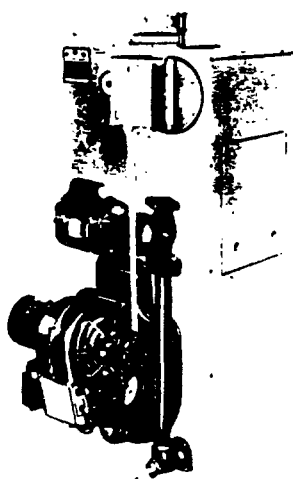


502



A-3, A-3M FR-A-3

oil fired boilers
water or steam



packaged for forced hot water

series 1B & 2B

A-33-P(T) to A-35-P(T)

all-purpose boiler

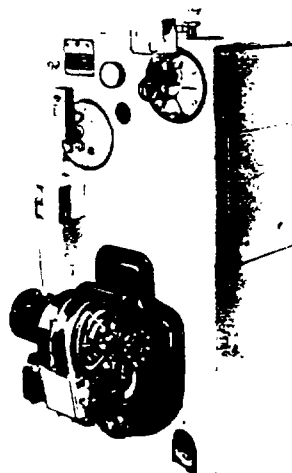
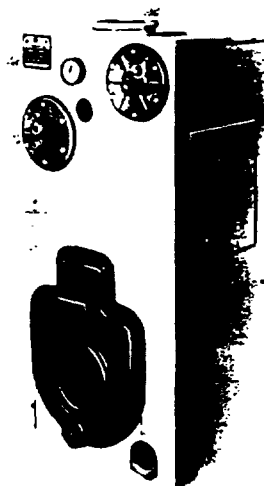
series 1B & 2B

A-33-W(T) to A-37-W(T), water
A-33-S(T) to A-37-S(T), steam (shown)

flame retention unit

series 1B

FR-A-36-WBT to FR-A-37-WBT
FR-A-36-WB to FR-A-37-WB
FR-A-36-WBG to FR-A-37-WBG
FR-A-36-SBT to FR-A-37-SBT
FR-A-36-SB to FR-A-37-SB



all-purpose boiler-burner unit

series 1B & 2B

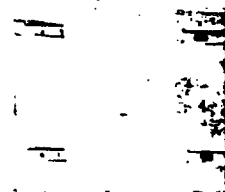
A-33-WB(T) to A-37-WB(T), water (forced)
A-33-WBG to A-37-WBG, water (gravity)
A-33-SB(T) to A-37-SB(T), steam (shown above)

20816

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

cat. no.	description	part no.
cleanout cover plate assembly:		
1	3 section	23599
2	4 section	23601
3	5 section	23603
4	6 section	23605
5	7 section	23607
6	observation door	23641
7	burner plate	0650
8	burner plate shield	23643
9	secondary air shutter	23644
canopy, steel:		
10	3 section	23614
11	4 section	23615
12	5 section	23616
13	6 section	23617
14	7 section	23618
15	assembling nipple, 5" top	3079
16	assembling nipple, 3" bottom	3076
17	water heater opening cover plate, blind flange	2512
18	water heater opening cover plate, with 1/4" control tapping	2300
19	water heater opening gasket	6210
20	drain valve	5662
combustion chamber kit:		
21	3 section	29793
22	4 section	29794
23	5 section	29795
24	6 section	29796
25	7 section	29797
26	C.I. flange for circulator 8G-13709	02519
27	gasket for circulator	06230
28	circulator fitting 76B-14515	00227
* 29	burner plate insulation (FR-A-36 & 37)	06467

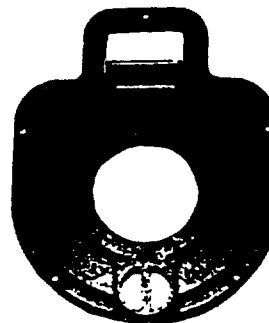
* NOTE. Combustion chamber will not be furnished.



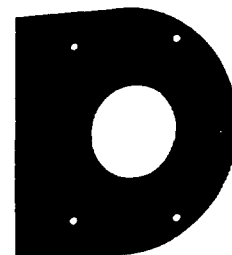
1 - 5



6



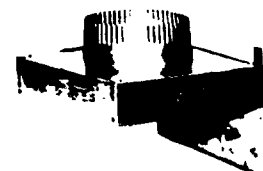
7



8



9



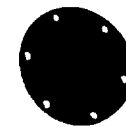
10 - 14



15



16



17



18



19



20



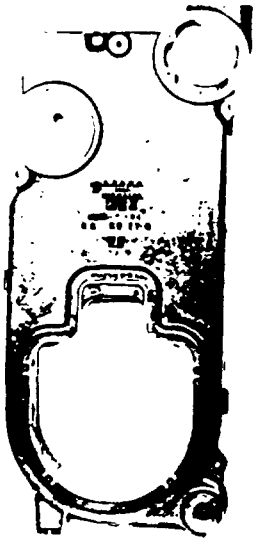
21 - 25

**A-3, A-3M, FR-A-3 oil boiler
wet base, water only**

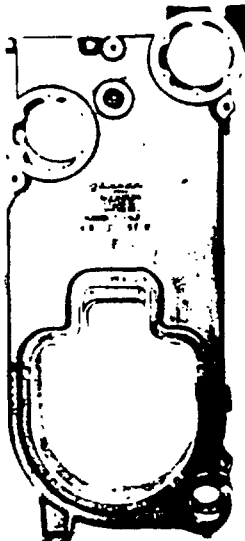
note: parts used for series 1B

sections

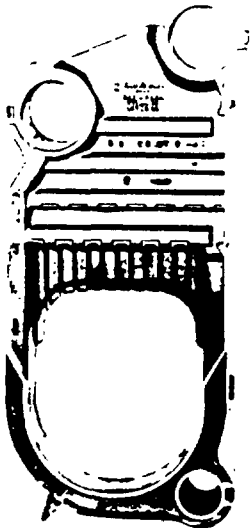
cat. no.	description	code letter	part no.
500	front section (packaged)	F	4010
501	front section (all-purpose)	F	4009
502	center section, 3 1/2"	C	4011
503	center section, 6"	CW	4012
504	back section (packaged)	B	4013
504	back section with 2 1/2" return tapping (not shown) (all-purpose)	B	4014



500

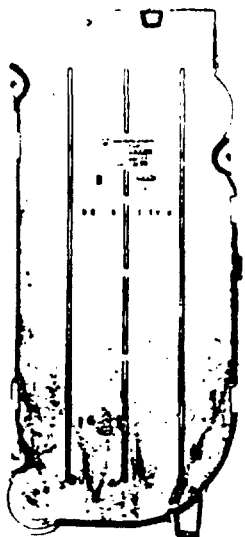


501



502

503



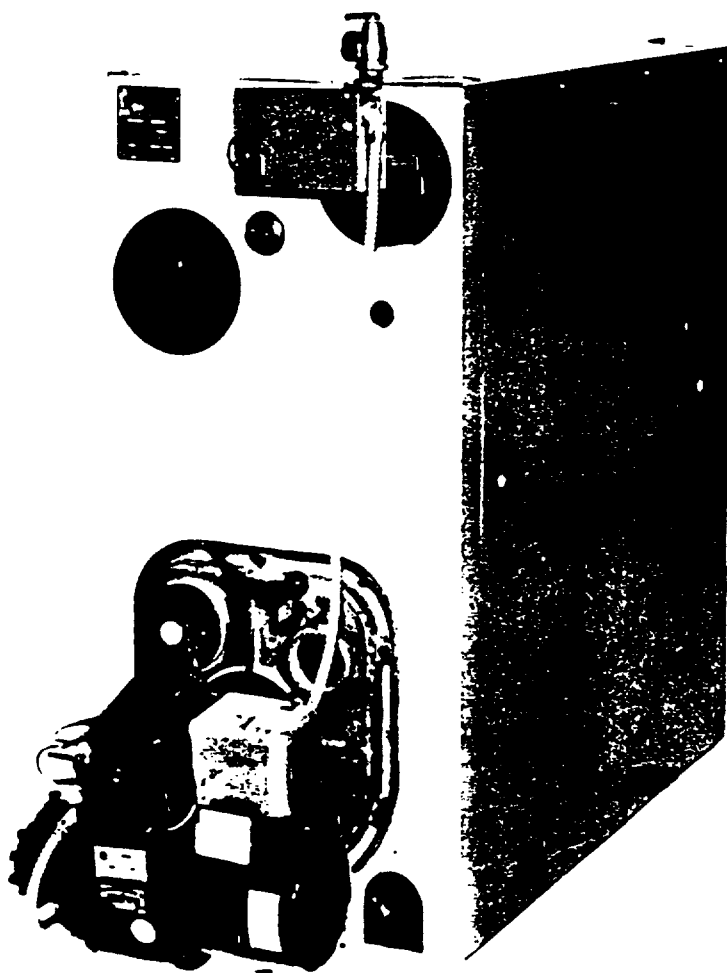
504

20818



PFA-3

pressure fired oil boiler
water or steam



series 1B-J1

20819

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

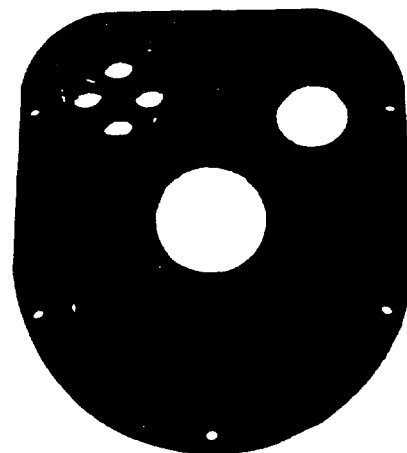
cat. no.	description	part no.
1	cleanout cover plate assembly cleanout radiation shield assembly.	9274
2	4 section	29554
3	5 section	29555
4	6 section	29556
5	7 section	29557
6	burner plate	4044
7	observation port cover	4040
8	observation port gasket	6191
9	observation port gasket	6212
10	observation port glass	6279
11	observation port shutter	4037
12	shutter handle assembly	6364



1



2 - 5



6



7 - 10



11



12

**PFA-3 pressure fired
oil boiler, water or steam**

Series 1B



13



14



15



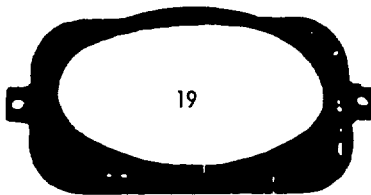
16



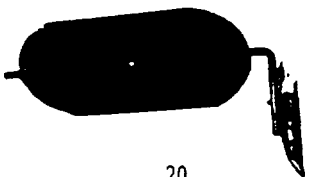
17



18



19



20



21

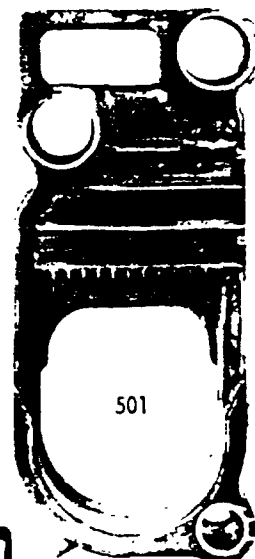
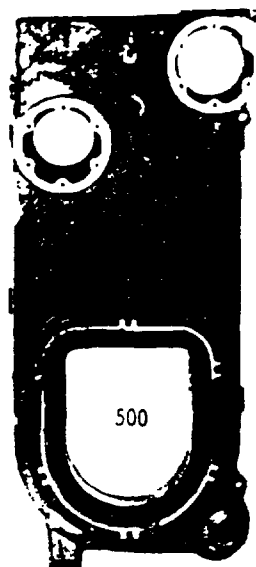
cat. no.	description	part no.	series no.
13	pressure relief door assembly		9276
14	5" slip nipple		3079
15	3" slip nipple		3076
16	water heater opening gasket		6210
17	water heater opening cover plate blind flange		2512
18	water heater opening cover plate with 1/4" control tapping		2300
19	flue collar		4046
20	damper assembly		9275
21	drain lock		5662

20821

**PFA-3 pressure fired
oil boiler, water or steam**

Series 1B

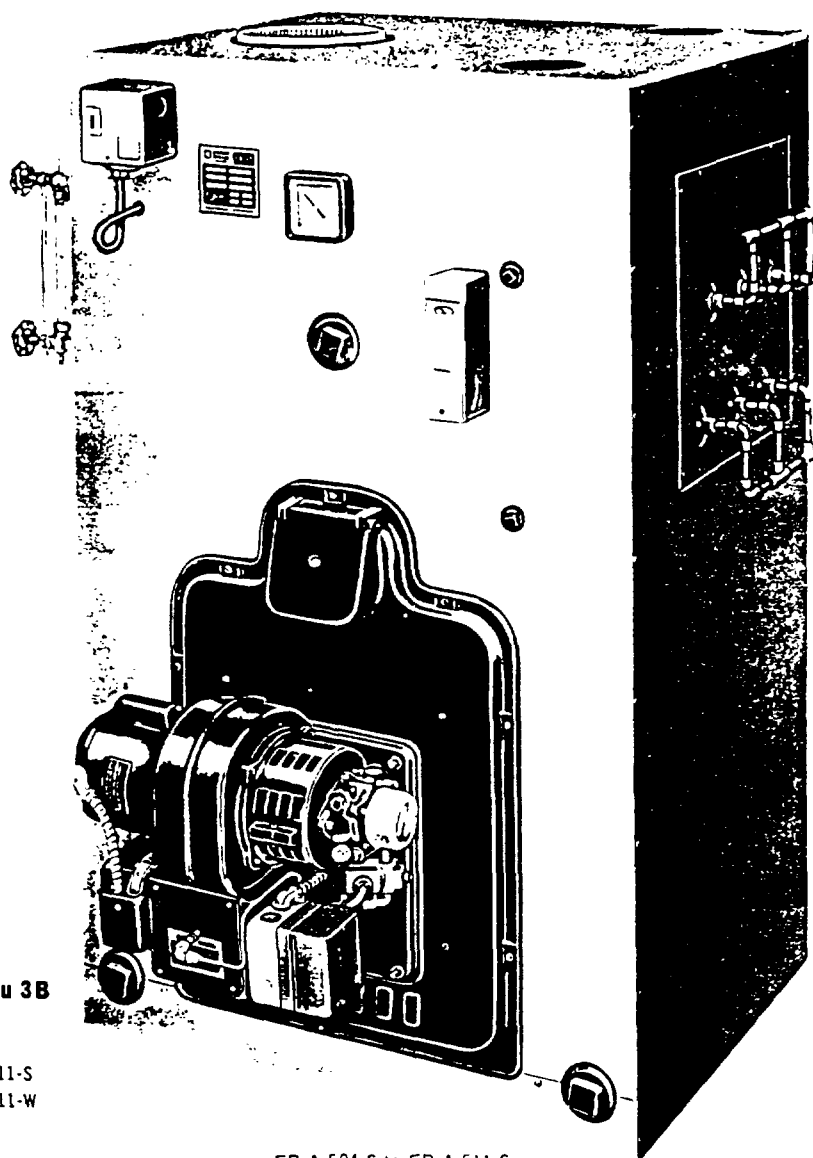
cat. no.	description	part no.
500	front section	4015
501	center section	4016
502	back section	4017





A-5 & FR-A-5

oil boiler
(wet base)
steam and water



series 1B thru 3B

A-504-S to A-511-S
A-504-W to A-511-W

FR-A-504-S to FR-A-511-S
FR-A-504-W to FR-A-511-W

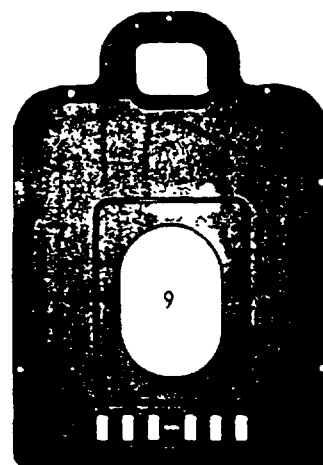
20823

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

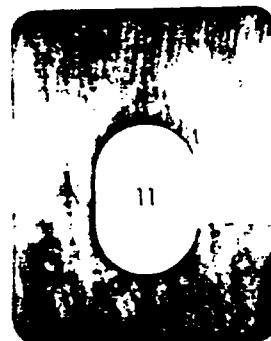
cat. no.	description	part no.
cleanout cover plate assembly:		
1	4 section	16195
2	5 section	16197
3	6 section	16199
4	7 section	16201
5	8 section	16203
6	9 section	16205
7	10 section	16207
8	11 section	16209
9	burner plate	551
10	observation door	553
11	burner plate liner	16285
12	burner plate insulation	6490
13	secondary air shutter	552
14	burner mounting plate	554
15	clip assembly	18511
16	hanger bracket	16286



1 - 8



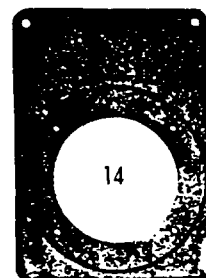
10



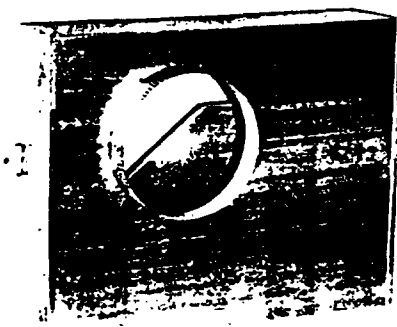
12



13



14



17 - 24

33 - 40



25



26



27



28



29



30



31



32

A-5 and FR-A-5 oil boiler wet base, steam and water

note: parts used for series 1B thru 3B

cat. no.	description	part no.
canopy, steel:		
17	4 section	16218
18	5 section	16503
19	6 section	16220
20	7 section	16221
21	8 section	16222
22	9 section	16223
23	10 section	16224
24	11 section	16225
25	assembly nipple, 7" top	3082
26	assembly nipple, 2 1/2" bottom	3075
27	water heater opening cover plate	555
28	water heater cover plate gasket	6211
water heater manifold assemblies:		
29	2 heater-top or bottom piece	9271
30	3 heater-top or bottom piece	9272
31	4 heater-top or bottom piece	9273
32	drain valve	5662
FR-A-5 boiler only		
canopy assembly:		
33	4 section	16218
34	5 section	27296
35	6 section	27297
36	7 section	27298
37	8 section	27299
38	9 section	27300
39	10 section	27301
40	11 section	27302
41	front burner plate insulation	06469
42	liner for front burner plate	27384

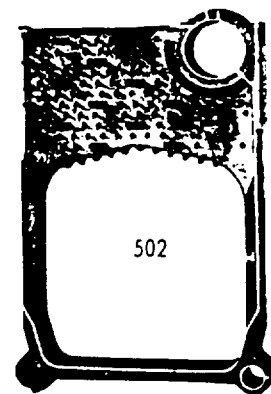
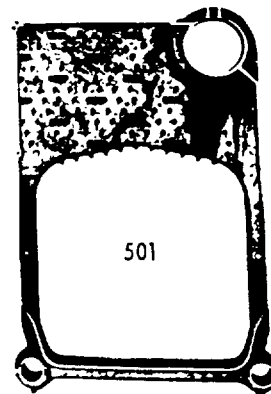
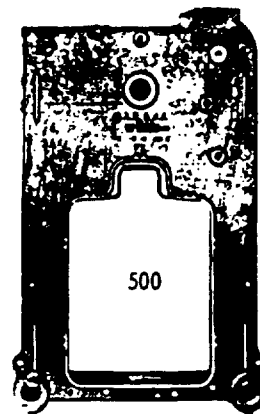
NOTE. combustion chamber not required.

20825

**A-5 and FR-A5 oil boiler
wet base, steam and water**
note: parts used for series 1B thru 3B

sections

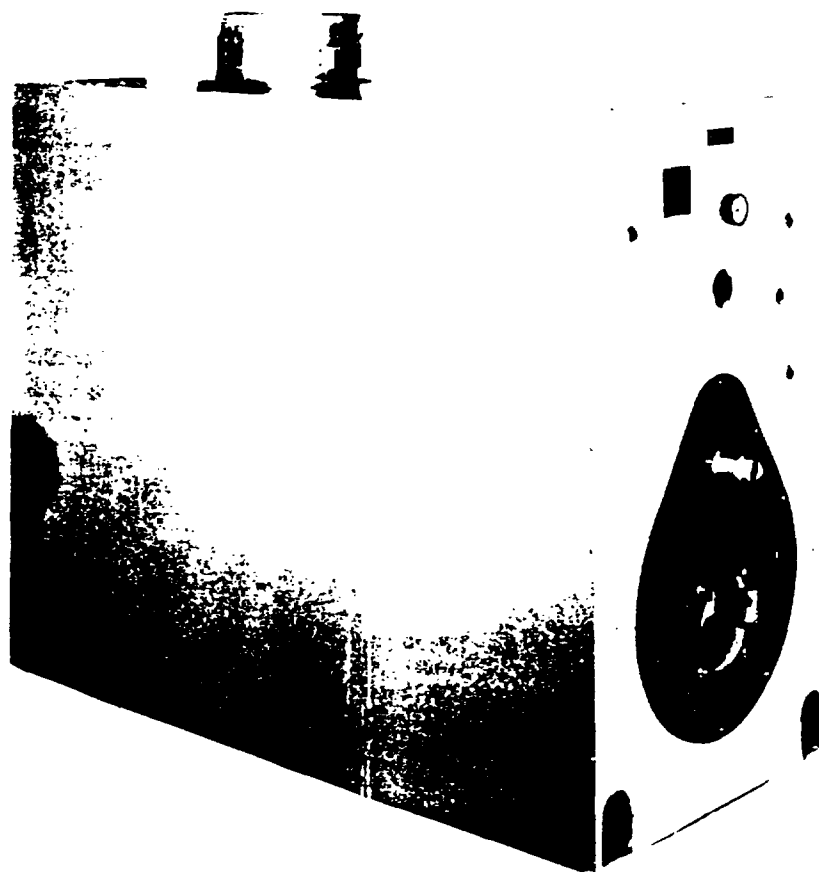
cat. no.	description	part no.	code letter
500	front section	3970	FX
501	center section	3972	C
502	center section with heater opening	3971	CT
503	back section	3973	BX



 **AMERICAN
STANDARD**

PFA-5

pressure fired
oil boiler
steam and water



series 1B-J1

PFA-504 thru PFA-521

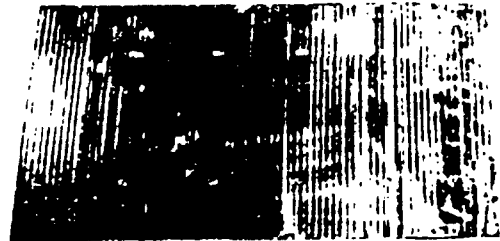
20827

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	28952
3	21" long	28953
4	27" long	28954
5	33" long	28955
6	39" long	28956
7	45" long	28957
8	51" long	28958
9	57" long	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



1



2 - 9



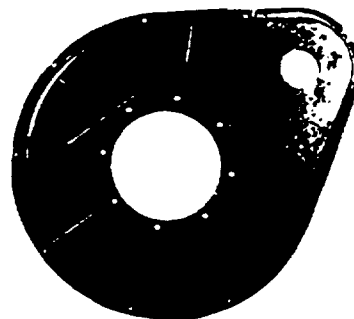
10 - 18 -



19 - 28



29 - 31



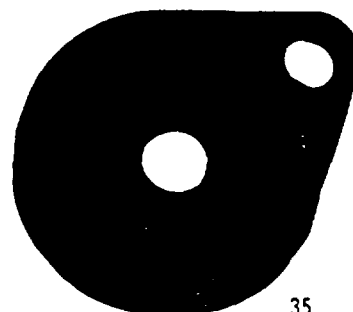
32



33



34



35



36



37

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



38



39



40



41 — 42



42 — 43



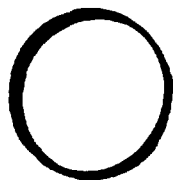
44



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

20829

**PFA-5 Pressured Fired
oil boiler, steam and water**

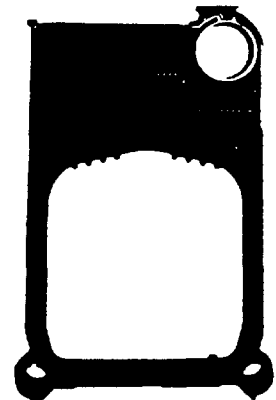
series 1B — J1

sections

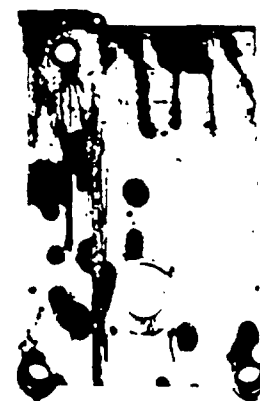
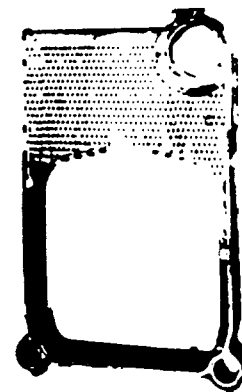
cat. no.	description		part no.
500	front section	"FX"	04031
501	center section	"C"	04032
502	center section	"CT"	04034
503	center section	"CX"	04033
504	back section	"BX"	04035



500



501

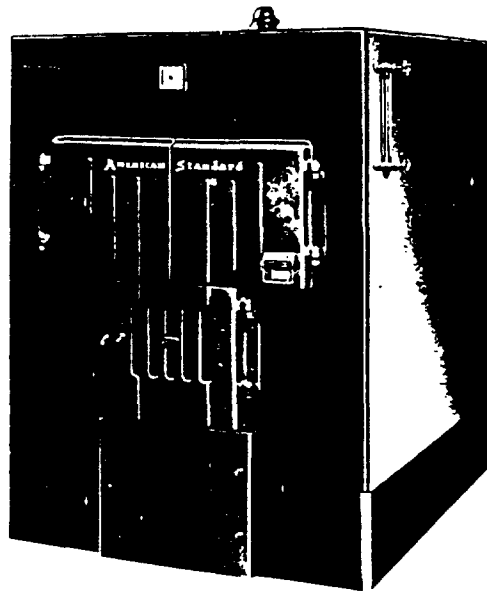


20830



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



6



7



8



9



10



11



12



13



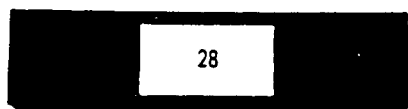
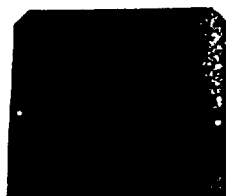
14



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	5 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	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

20833

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:			
	3 blank, 7 section	498	HF
	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", top	3084	all
61	assembly push nipple, 3", bottom	3076	all
62	hand regulator post	1664	HF



36



37



38



39



40 - 41



42 - 44



45 - 48



49 - 51



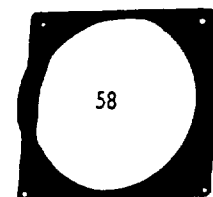
52 - 55



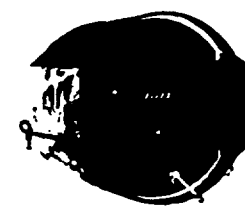
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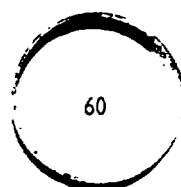
57



58



59



60



61



62



63



64



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66



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67



72



68



79



69 - 71



73



74 - 80

A-7 and FR-A7 all fuels boiler

note: parts used for series 1B & 2B

cat. no.	description	part no.	*fuel used for
63	hand regulator clamp	1663	HF
64	regulator lever	6504	HF
flue baffles:			
65	upper, 5 thru 8 section	524	O
66	lower, 5 thru 8 section	525	O
67	refractory crown sheet baffles 5 section only - per set	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 (not illustrated)	5046	O & S
82	4 lb. ball weight (not illustrated)	3101	

Fire Tile A-7

83	oil service door catch plate	27838
83A	steel burner plate	27267
upper and intermediate hot flue baffle		
84	5 to 9 section	0524
85	10 and 11 section	0537
lower hot flue baffle		
86	5 to 9 section	0525
87	10 and 11 section	0536
88	crown sheet baffle 6 and 7 section	05071

Fire Tile A-7

89	5, 6 & 7 section	5437
90	8, 9, 10, 13 & 14 section	5438
91	11 & 12 section	5439

Fire Tile FR-A7**Fire Tile FR-A7**

92	5, 6 & 7 section	5399
93	8 section	5400
94	9 section	5401
95	10, 11, 12 & 13 section	5402
96	14 section	5403

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

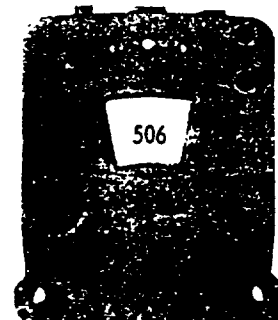
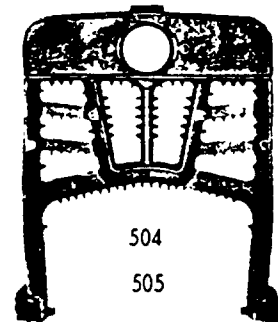
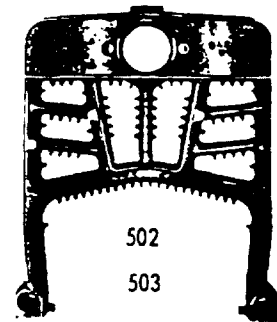
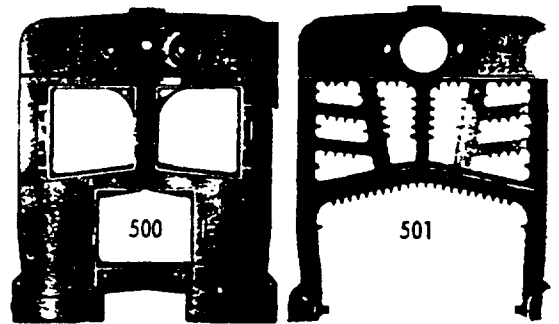
20835

A-7 and FR-A7 all fuels boiler

note: parts used for series 1B & 2B

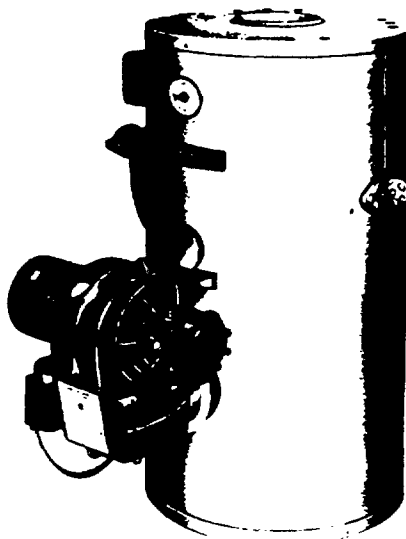
section

cat. no.	description	code letter	part no.
500	front section	FX	3953
501	front center section	FC	3954
502	center section	C	3955
503	center connecting section	CX	3956
504	rear center section	RC	3957
505	rear center connecting section	RCX	3958
506	back section	BX	3959



APR

oil boiler
water only



series 1B

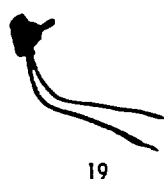
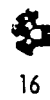
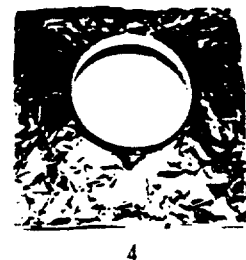
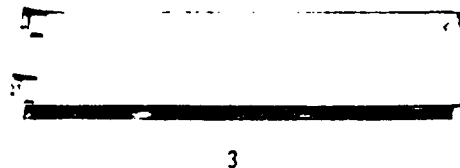
APR-72
APR-90

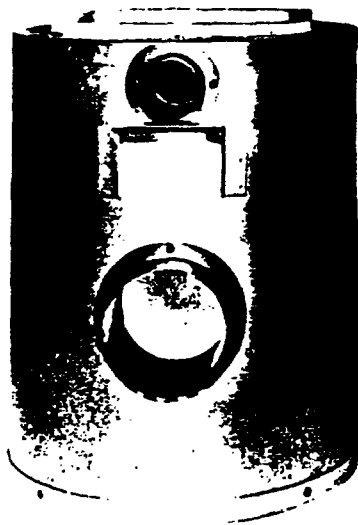
Cast iron repair parts for this boiler will be discontinued as follows:
series 1B & 1B1 - Dec. 31, 1983

20837

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

cat. no.	description	part no.
3	section support & jacket stiffener	22497
4	canopy w/insulation	22493
5	3 section baffle	22453
6	combustion chamber bolt, 12 1/2" 15 1/2"	5168 5169
7	tie bolt, 7 1/4" 10 1/4"	7416 7417
8	3/4" drain valve flange	0601
9	1" circulator flange	0600
10	3/4" & 1" flange gasket	6232
11	draft tube air adjustment and pressure ring	22482
12	observation tube plug button	7282
13	limit controls: AY-553R, high	5802
14	limit control retainer bracket	23472
15	junction box mounting plate	26430
16	drain valve	5664
17	stream diverter	5950
18	switch mounting plate for hi-lo switch	23295
19	limit control switch	7727





20

APR oil boiler water only

note: parts are for series 1B

cat. no.	description	part n
20	combustion chamber assembly w/new rods	90
21	combustion chamber patch kit 8-250 (not shown)	65

The APR section assemblies require strategic placement of blind nipples to insure proper internal circulation. For this reason, individual sections are not available. Complete section assemblies must be ordered.

* Section assemblies including tie bolts:	
APR-72	92f
APR-90	92t

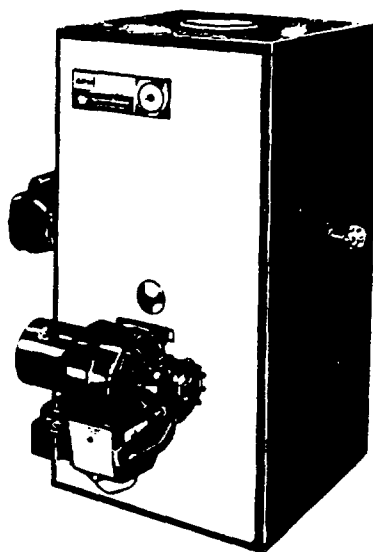
* Boiler series number must be specified.

20839



APH

oil boiler
water only



series 1B

APH-115
APH-150
APH-185

20840

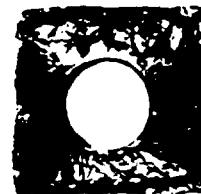
Cast iron repair parts for this boiler will be discontinued Dec. 1980.

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

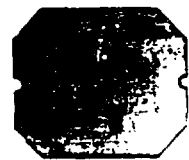
cat. no.	description	part no.
3	section support & jacket stiffener	23774
4	canopy w/insulation	23776
5	flue baffle, 3 section	23683
6	flue baffle, 4 section	23775
7	combustion chamber bolts: 11 1/4"	5182
	14 1/4"	5183
	17 1/4"	5184
8	tie bolts: 7 1/4"	5099
	10 1/4"	5100
	13 1/4"	5095
9	3/4" drain flange	0601
10	1 1/2" return flange	2519
11	circulator gasket	6230
12	flange gasket	6232
13	sight opening cover	23784
14	air adjustment ring assembly	22482
15	draft tube sleeve insulation	6492
16	drain valve	5664
17	limit controls: AY-553R, high	5802
18	limit control switch	7727
19	switch mounting plate for hi-lo switch	23295
20	limit control retainer bracket	23472
21	stream diverter	5950



3



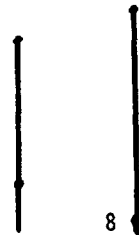
4



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17



18



19



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21



22

APH oil boiler water only

note: parts are used for series 1B

cat. no.	description	part no.
22	combustion chamber assembly	9001
23	combustion chamber patch kit 8-250 (not shown)	6533

The APH section assemblies require strategic placement of blind nipples to insure proper internal circulation. For this reason individual sections are not available. Complete section assemblies must be ordered.

* section assemblies including tie bolts:	
APH-115	9268
APH-150	9269
APH-185	9270

* Boiler series number must be specified.

20842

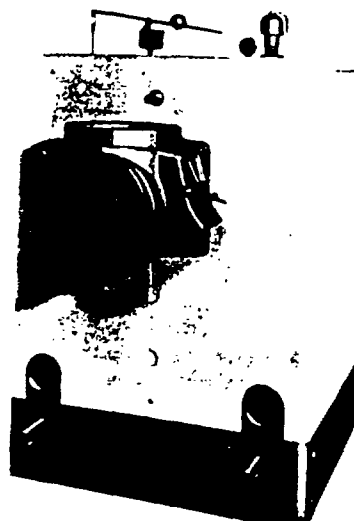
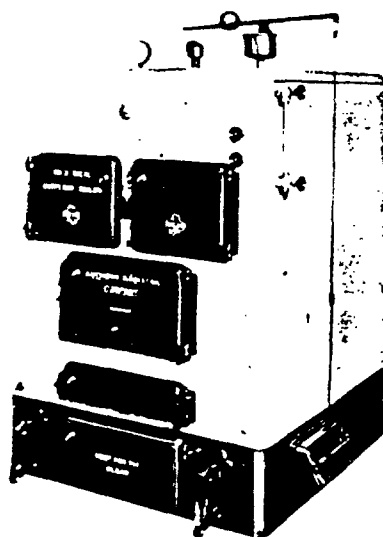


no. 3 Redflash

boiler

(formerly no. 3 ideal

redflash boiler) steam and water



series 12B

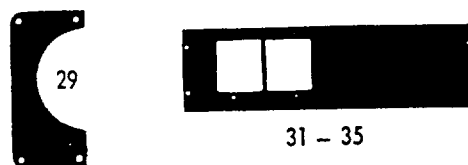
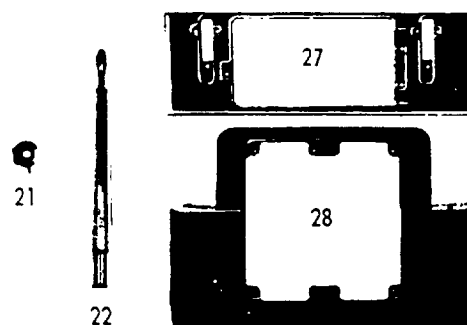
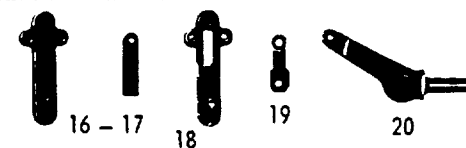
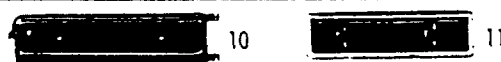
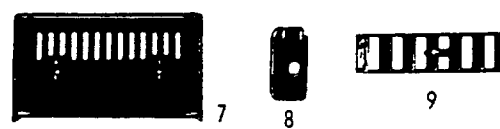
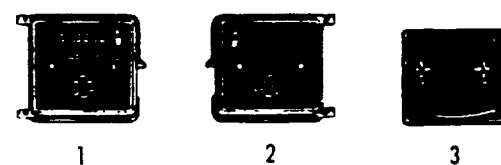
hand fired	3-S-5 to 3-S-13 3-W-5 to 3-W-13
smokeless	3-S-8-S to 3-S-14-S 3-W-8-S to 3-W-14-S
oil fired	3-S-8-O to 3-S-14-O 3-W-8-O to 3-W-14-O
stoker fired	3-SC-6 to 3-SC-14 3-WC-6 to 3-WC-14

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

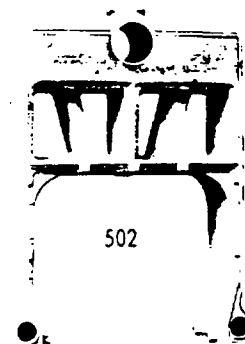
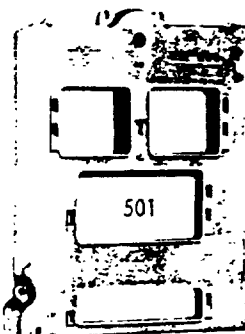
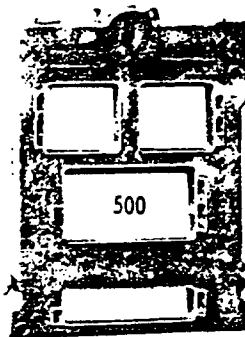
20873

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

cat. no.	description	part no.	series no.
1	cleanout door, L.H.	385	
2	cleanout door, R.H.	386	
3	cleanout door lining, R. or L.	330	
4	cleanout door hinge, R. or L.	387	
4	fire door hinge	387	
5	cleanout door catch	404	
6	fire door	388	
7	fire door lining	389	
8	fire door catch	740	
8	slice door catch	740	
9	fire door slide damper	399	6B to 12B
10	slice door	390	
11	slice door lining	331	
12	slice door hinge	391	
13	ashpit door	392	
14	ashpit door hinge	393	6B to 12B
15	ashpit door catch	724	
16	blank angle lever plate	336	
17	angle lever opening cover plate	776	10B to 12B
18	angle lever plate	335	
19	angle lever link	338	
20	angle lever	6629	5B to 12B
21	connecting arm catch	705	
22	shaker handle	3048	5B to 12B
27	front base panel — coal	332	
28	front base panel — oil	396	2B to 12B
29	front burner plate — oil — each	54294	2B to 12B
base side panels, R.H., open:			
31	- 6 section	363	
32	7 section 7 and 11 section assembly	364	
33	8 section 8 and 12 section assembly	365	
34	9 section 9 and 13 section assembly	366	
35	10 section 10 and 14 section assembly	367	



20874



No. 2 Redflash boiler

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

sections

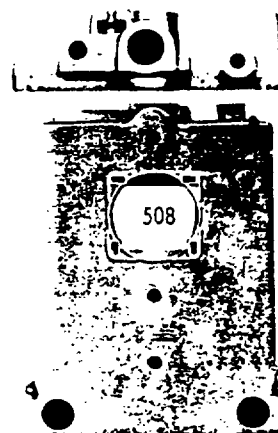
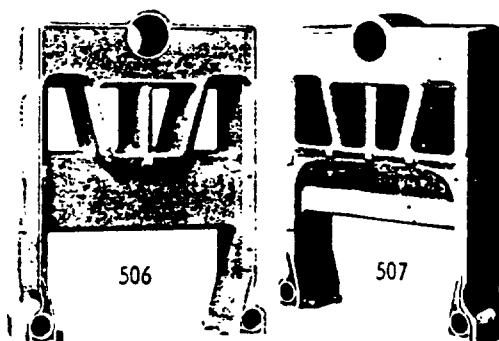
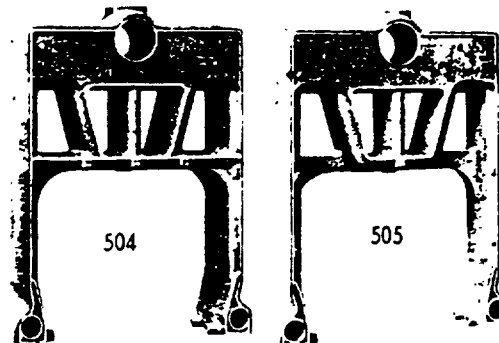
cat. no.	description	code letter	part no.	series no.
500	5" front - coal	A	3932	13B & 14B
501	10" front - coal	F	3933	13B & 14B
502	10" front center conn. 4" flow tapping	FCX	3934	13B & 14B

20871

No. 2 Redflash boiler

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

503	10" center (less flow tapping)	C	3935	13B & 14B
504	10" center conn. (4" flow tapping)	CX	3936	13B & 14B
505	10" rear center conn. (4" flow tapping)	RCX	3937	13B & 14B
506	10" auxiliary air (with uptake)	AU	4133	13B
507	10" auxiliary air (no uptake)	AC	4134	13B
508	10" back conn. (4" flow tapping)	BX	3938	13B & 14B





33 - 36



37



38



39



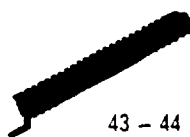
40



41



42



43 - 44



46



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52



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56



58



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61

No. 2 Redflash boiler

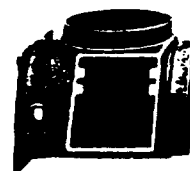
note: parts used for 13B & 14B inclusive
where series is not shown

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	

20869

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

cat. no.	description	part no.	series no.
62	smokehood (body only)	268	13B & 14B
63	smokehood cap	269	
64	smokehood choke damper	322	13B & 14B
65	smokehood damper spindle	772	14B
66	smokehood ratchet wheel	771	13B & 14B
67	smokehood bearing yoke	773	13B & 14B
68	smokehood B/F door frame	270	
69	smokehood B/F door, inside half	271	
70	smokehood B/F door, outside half	309	
73	smokehood B/F door weight	308	13B & 14B
74	smokehood B/F door lever	752	13B & 14B
75	smokehood opening cover plate — oil	321	13B
76	coil hole cover	712	13B & 14B
77	auxiliary air frame	302	13B
78	auxiliary air disc damper	276	13B
79	assembling nipple, 7" top	3082	13B & 14B
80	assembling nipple, 2½" bottom	3075	
81	regulator clevis	1615	13B & 14B
82	vertical regulator rod, rear	6500	13B & 14B
	(1) 35½" long (Upper)		
	(2) 27" long (Lower)		



62



64



63



65



66



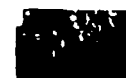
67



68



69



70



73



74



76



77



78



79 - 80



81

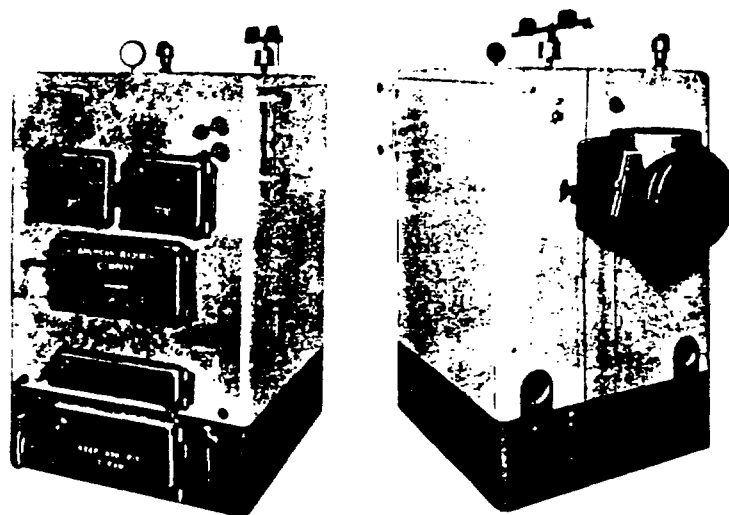


no. 2 Redflash

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.

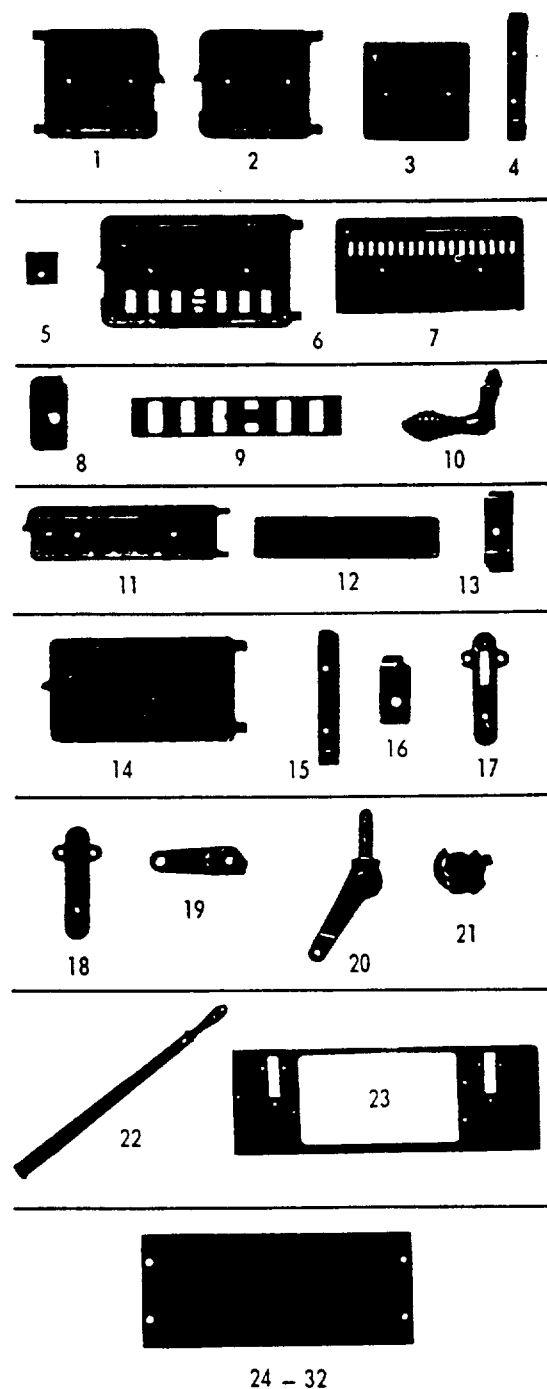
hand fired — 1987,
smokeless — 1987

20867

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

cat. no.	description	part no.	series no.
1	cleanout door, L.H.	298	
2	cleanout door, R.H.	299	
3	cleanout door lining, R. or L.	260	
4	cleanout door hinge, R. or L.	291	
4	fire door hinge	291	
5	cleanout door catch	401	
6	fire door	296	
7	fire door lining	297	
8	fire door catch	740	
8	slice door catch	740	
9	fire door slide damper	267	
10	fire door handle	6368	14B
**11	slice door	300	
12	slice door lining	261	
13	slice door hinge	741	
14	ashpit door	301	13B & 14B
15	ashpit door hinge	292	13B & 14B
16	ashpit door catch	724	
17	angle lever plate	704	
18	blank angle lever plate	759	
19	angle lever link	707	
20	angle lever	6628	13B & 14B
21	connecting arm catch	774	
22	shaker handle	3048	13B & 14B
23	front base panel — coal	303	
*24	5 sec. base side panel, closed	325	13B
*25	6 sec. base side panel, closed	272	13B
*26	7 sec. base side panel, closed	273	13B
*27	8 sec. base side panel, closed	274	13B
*28	9 sec. base side panel, closed	275	13B
*29	10 sec. base side panel, closed	283	13B
*30	11 sec. base side panel, closed	284	13B & 14B
31	12 sec. base side panels, closed	274	13B
		280	
32	13 sec. base side panels, closed	275	13B
		280	
**	slice door adaptor — inside	173	Oil to HF
**	slice door adaptor — outside	174	Oil to HF

*used on left hand side series 1B to 3B



24 - 32



18 - 24



25



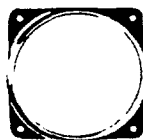
26



27



28



29



30



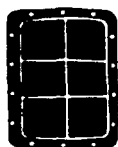
31



32



33



34



35

Exbrook boiler steam and water

cat. no.	description	part no.	used for:	
			oil	stock
18	7 section base side panel, R. or L.	273	x	x
19	8 section base side panel, R. or L.	274	x	x
20	9 section base side panel, R. or L.	275	x	x
21	10 section base side panel, R. or L.	283	x	x
22	11 section base side panel, R. or L.	284	x	x
23	12 section base side panels R. or L.	274 } 280 }	x	x
24	13 section base side panels R. or L.	275 } 280 }	x	x
25	base back panel, open	310	x	x
26	draft opening cover plate	251	x	x
27	connecting arm slot cover	3014	x	x
28	connecting arm slot cover strap	3015	x	x
29	smoke collar	252	x	x
30	coil hole cover	712	x	x
31	crown sheet baffle (7 and 8 section)	255	x	x
32	assembling nipple, 7" top	3082	x	x
33	assembling nipple, 2 1/2" bottom	3075	x	x
*34	built-in heater opening cover plate	256	x	x
*35	built-in heater opening gasket	6200	x	x
36	1 section base side extension, R. or L. (not illustrated)	277	x	x
37	2 section base side extension, R. or L. (not illustrated)	278	x	x
38	3 section base side extension, R. or L. (not illustrated)	279	x	x
39	4 section base side extension, R. or L. (not illustrated)	280	x	x

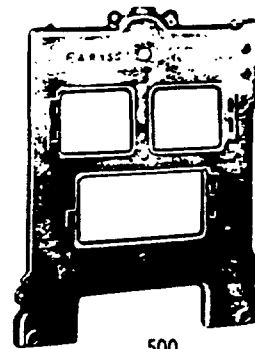
* These parts are for use only on "T" type boiler furnished less Built-in water heater.

20865

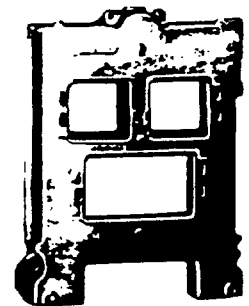
Exbrook boiler steam and water

sections

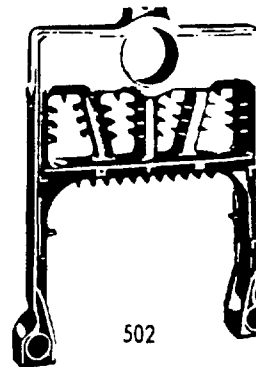
cat. no.	description	code letter	part no.
500	5" front section	AO	3925
501	10" front section	FO	3926
502	10" front center connecting section	FCXO	3927
503	10" center section	CO	3928
504	10" center connecting section	CXO	3930
505	10" center section, with opening for Built-in Water Heater	COT	3929
506	10" rear center connecting section	RCXO	3931
507	10" back connecting section	BX	3938



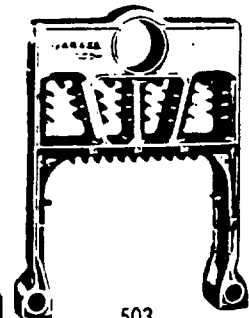
500



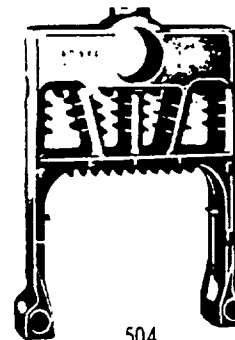
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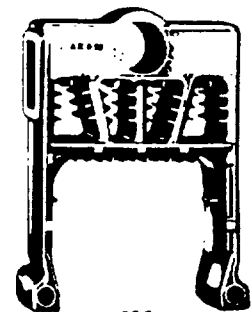
502



503



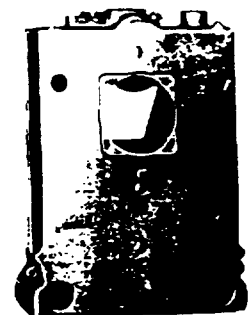
504



505



506

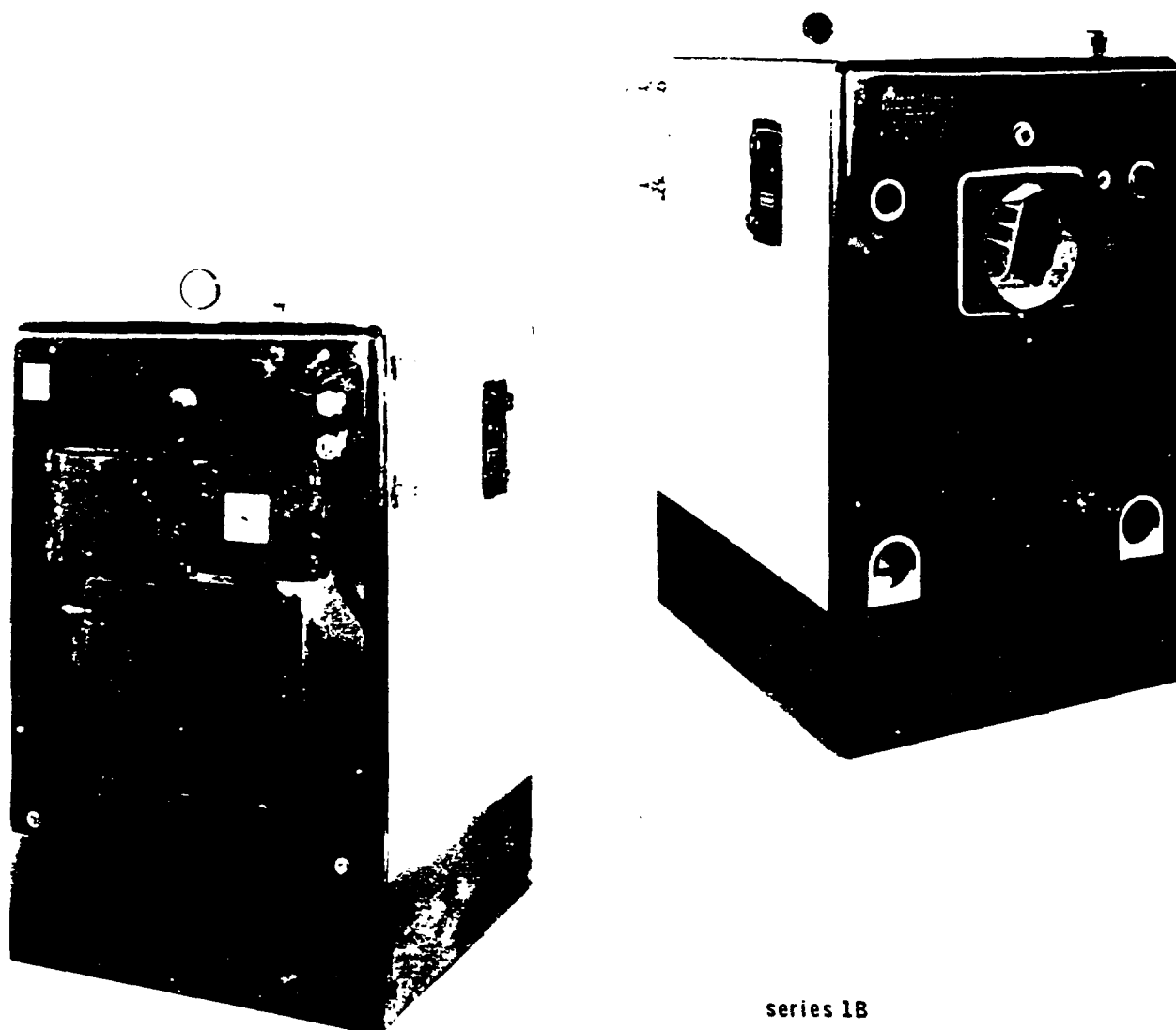


507



Exbrook

boiler
steam and water



series 1B

oil fired	S or W-207 to S or W-2013 S or W-207-T to S or W-2013-T
stoker fired	SC or WC-207 to SC or WC-2013 SC or WC-207-T to SC or WC-2013-T

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

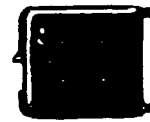
20863

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

cat. no.	description	part no.	used for:	
			oil	stoker
1	cleanout door, L.H.	298	x	x
2	cleanout door, R.H.	299	x	x
3	cleanout door lining, R. or L.	260	x	x
4	cleanout door hinge, R. or L.	291	x	x
4	fire and service door hinge	291	x	x
5	cleanout door catch	401	x	x
6	fire door	296		x
7	fire and service door handle	6368	x	x
8	fire door lining	297		x
9	fire door slide damper	267		x
10	fire and service door catch	740	x	x
11	oil service door	253	x	
12	oil service door lining	254	x	
13	sight opening slide	1471	x	
14	sight glass retaining plate	164	x	
14A	sight glass (not illustrated)	6280	x	
15	sight opening cover plate	170	x	
16	front base panel	250	x	x
17	front base panel opening plate (steel)	72993	x	x



1



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11



12



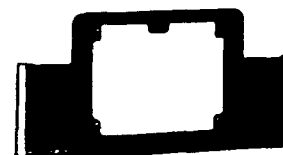
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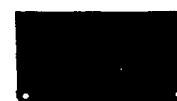
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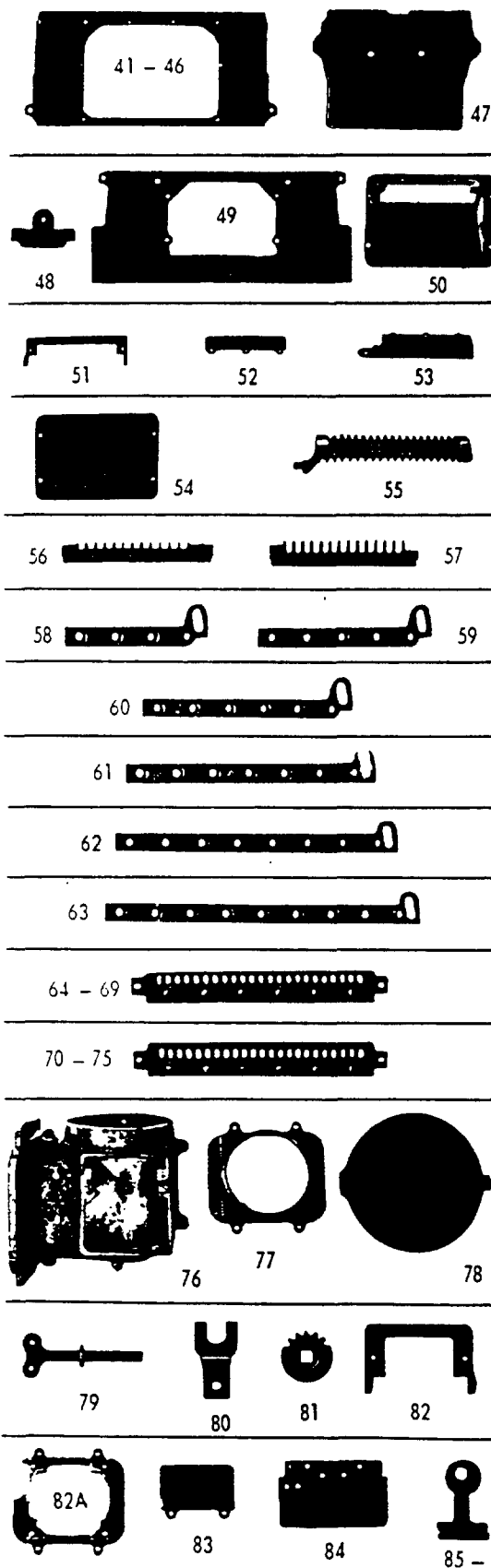
15



16



17



Severn boiler steam and water parts used for series 1B thru 3B where series is not shown

cat. no.	description	part no.	used for
41	stoker side base panel No. 17 R-L	140	S
42	stoker side base panel No. 21 R-L	141	S
43	stoker side base panel No. 25 R-L	142	S
44	stoker side base panel No. 29 R-L	143	S
45	stoker side base panel No. 33 R-L	144	S
46	stoker side base panel No. 37 R-L	145	S
47	crownsheet baffle	148	O
48	crownsheet baffle bracket	1440	O
49	rear base panel	103	HF, O & S
50	draft pouch	754	HF
51	draft pouch butterfly door frame	755	HF
52	draft pouch butterfly door, inside half	756	HF
53	draft pouch butterfly door, outside half	757	HF
54	draft opening cover plate	764	O & S
55	grate bar	133	HF
56	front coal guard	158	HF
57	rear coal guard	157	HF
58	connecting arm for No. 17	134	HF
59	connecting arm for No. 21	135	HF
60	connecting arm for No. 25	136	HF
61	connecting arm for No. 29	137	HF
62	connecting arm for No. 33	138	HF
63	connecting arm for No. 37	139	HF
64	R.H. grate supp. for No. 17	110	HF
65	R.H. grate supp. for No. 21	111	HF
66	R.H. grate supp. for No. 25	112	HF
67	R.H. grate supp. for No. 29	113	HF
68	R.H. grate supp. for No. 33	114	HF
69	R.H. grate supp. for No. 37	115	HF
70	L.H. grate supp. for No. 17	104	HF
71	L.H. grate supp. for No. 21	105	HF
72	L.H. grate supp. for No. 25	106	HF
73	L.H. grate supp. for No. 29	107	HF
74	L.H. grate supp. for No. 33	108	HF
75	L.H. grate supp. for No. 37	109	HF
76	smokehood	168	HF
77	smokecollar	1432	O & S
78	smokehood choke damper	770	HF
79	smokehood damper spindle	772	HF
80	smokehood damper spindle yoke	773	HF
81	smokehood ratchet wheel	771	HF
82	smokehood butterfly door frame	748	HF
82A	smokehood adaptor (series 1B)	1425	HF

HF—coal fired

O—oil fired

S—stoker fired

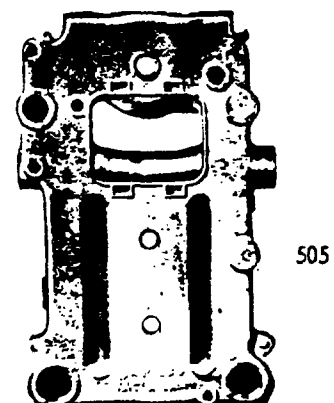
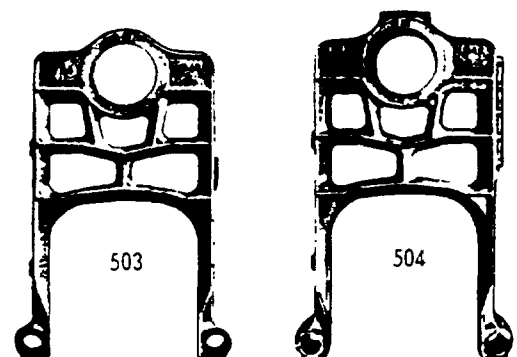
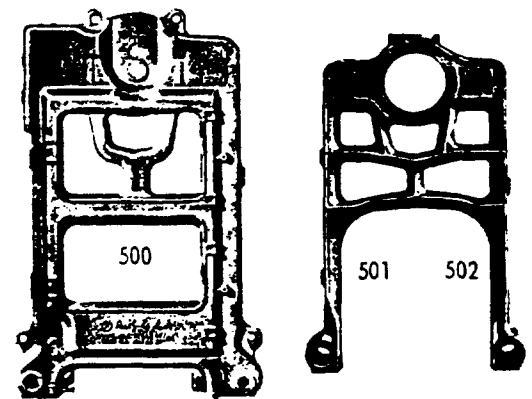
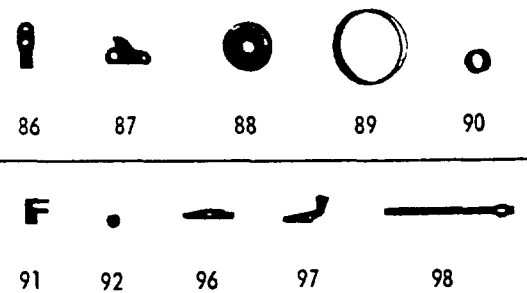
20861

**Severn boiler
steam and water
parts used for series 1B thru 3B
where series is not shown**

cat. no.	description	part no.	used for
83	smokehood butterfly door, inside half	749	HF
84	smokehood butterfly door, outside half	750	HF
85	smokehood butterfly door weight	751	HF
86	smokehood butterfly door lever	1427	HF
87	draft regulator, intermediate lever	1426	HF
88	coil hole cover (complete)	712	HF, O & S
89	assembling nipple, 7" top	3082	HF, O & S
90	assembling nipple, 2" bottom	3073	HF, O & S
91	regulator rod clevis	1615	HF
92	regulator rod collar	5720	HF
93	regulator lever	6504	HF
94	regulator rod, upper half 19 1/2"	6500	HF
95	regulator rod, lower half 35"	6500	HF
96	ashpit door treadle	159	HF
97	fire door treadle	160	HF
98	fire door treadle rod	152	HF
99	built-in heater opening blind flange	167	O & S
100	built-in heater opening gasket	6202	O & S
101	regulator counter-weight 2 1/2 lb.	738	HF

sections

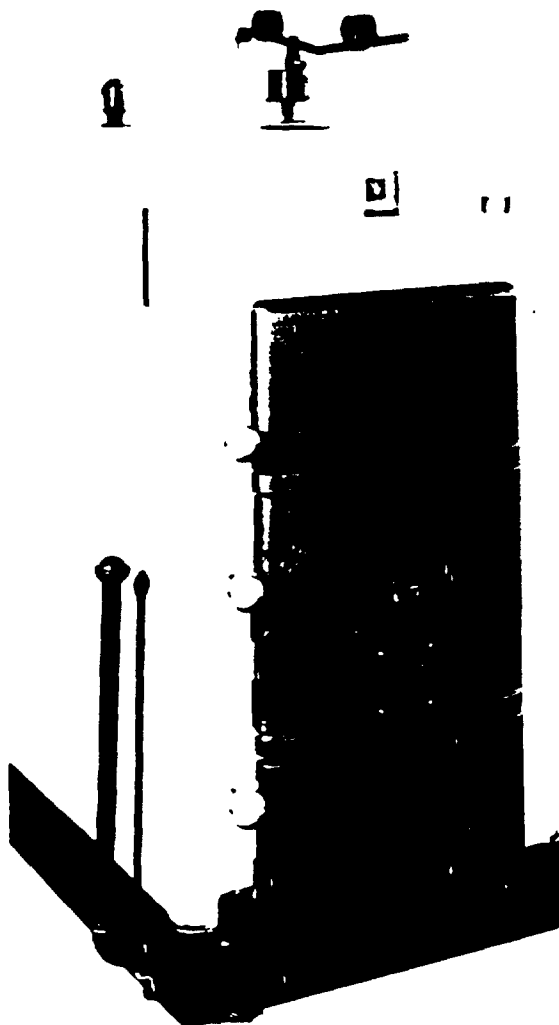
cat. no.	description	code letter	part no.
500	front section	F	3900
501	8" center section	C	3901
502	8" center connecting section	CX	3902
503	4" center section	NC	3904
504	8" center connecting section — for tankless water heater	CXT	3903
505	back section	BO	3905





Severn Boiler

steam and water



series 1B & 3B

hand fired	S or W-17 to 37
oil fired	S or W-17-O to 37-O S or W-17-O-T to 37-O-T
stoker fired	SC or WC-17 to 37 SC or WC-17-T to 37T



series 2B & 3B

oil fired	S or W-17-O to 37-O S or W-17-O-T to 37-O-T
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Cast iron repair parts for this boiler will be discontinued Dec. 1983.

20859

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

cat. no.	description	part no.	used for
1	cleanout door	150	HF, O & S
2	oil front plate extension (series 1B)	165	O
3	cleanout door lining	151	HF, O & S
4	cleanout door hinge	156	HF, O & S
4	fire or ashpit door hinge	156	HF & S
4	service door hinge	156	O
5	door catch	128	HF, O & S
6	fire door	131	HF & S
7	oil service door	162	O
8	fire door lining	154	HF & S
9	oil service door lining	163	O
10	fire door slide damper	155	HF & S
11	door handle	102	HF, O & S
12	sight opening slide	1471	O
13	sight glass retaining plate	164	O
13A	sight glass (not illustrated)	6280	O
14	sight opening cover plate	170	O
15	slide door	153	HF
16	ashpit door	101	HF & S
17	oil front base plate (series 1B)	149	O
17A	oil front base plate (series 2B)	171	O
18	cover plate for burner opening (series 1B)	75904	O
18A	cover plate for burner opening (series 2B & 3B)	95945	O
19	cover plate for stoker opening	75903	S
20	angle lever retainer	130	HF
21	angle lever bearing	132	HF
22	angle lever	6627	HF
23	conn. arm lever	129	HF
24	front shake stop	147	HF
25	shaker handle	3048	HF
26	front base panel	100	HF
27	front base panel	161	O & S
28	fill-in strip (conversion O to HF)	166	
29	R.H. base panel for No. 17	116	HF & O
	L.H. base panel for No. 17	116	O
30	R.H. base panel for No. 21	117	HF & O
	L.H. base panel for No. 21	117	O
31	R.H. base panel for No. 25	118	HF & O
	L.H. base panel for No. 25	118	O
32	R.H. base panel for No. 29	119	HF & O
	L.H. base panel for No. 29	119	O
33	R.H. base panel for No. 33	120	HF & O
	L.H. base panel for No. 33	120	O
34	R.H. base panel for No. 37	121	HF & O
	L.H. base panel for No. 37	121	O
35	No. 17 L.H. base side panel — coal	122	HF
36	No. 21 L.H. base side panel — coal	123	HF
37	No. 25 L.H. base side panel — coal	124	HF
38	No. 29 L.H. base side panel — coal	125	HF
39	No. 33 L.H. base side panel — coal	126	HF
40	No. 37 L.H. base side panel — coal	127	HF

HF — coal fired

O — oil fired

S — stoker fired



1



2



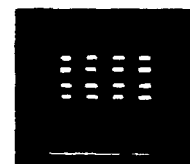
3



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15



16



17



17A 18 - 18A



19



20



21



22



23



24



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26



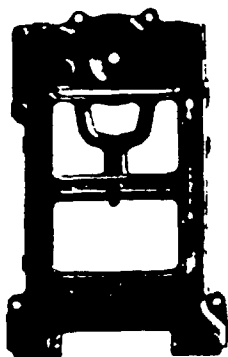
27



29 - 34



35 - 40

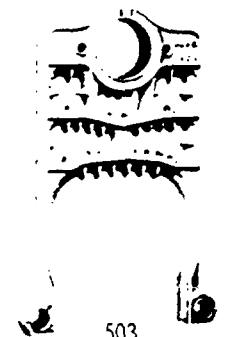


500

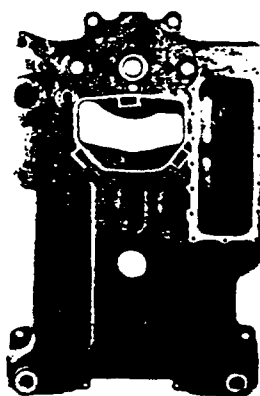


501

502



503



504

Oakmont oil boiler
steam and water
 note: parts used for 1B and 2B
 where series is not shown

sections

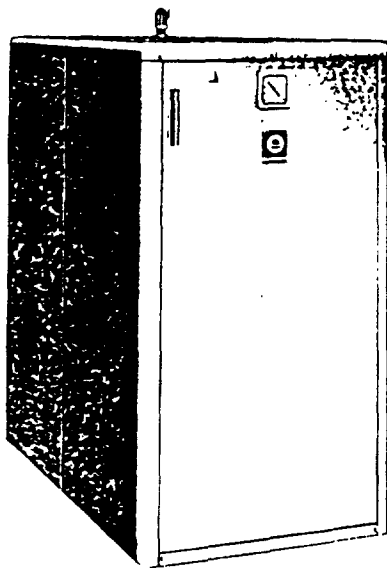
cat. no.	description	part no.	code letter
500	front section	3920	F
501	7" center section - less flow tapping	3921	C
502	7" center connecting section - with flow tapping	3922	CX
503	3 1/2" center section	3923	NC
504	back section	3924	B

20858



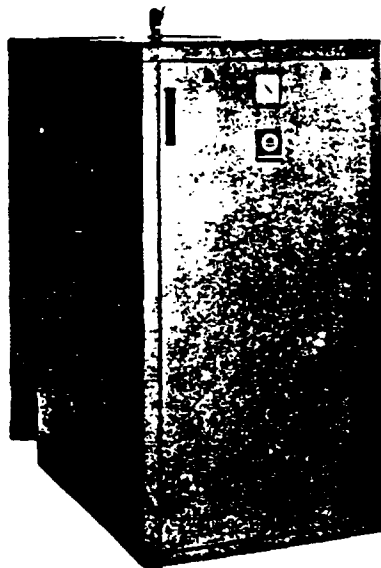
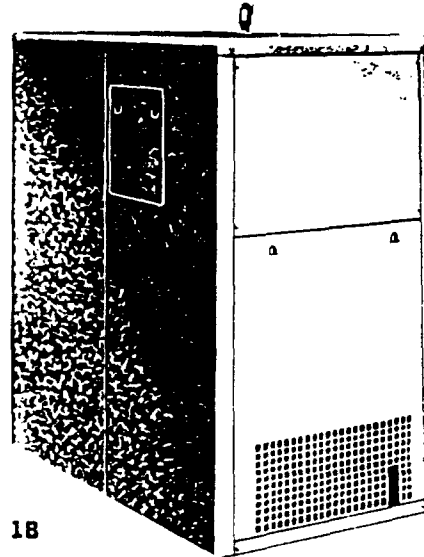
Oakmont

oil boiler
(formerly no. 8 boiler)
steam and water



series 1B

S-84 to S-89
W-84 to W-89



series 1B & 2B

S-84 to S-89
W-84 to W-89

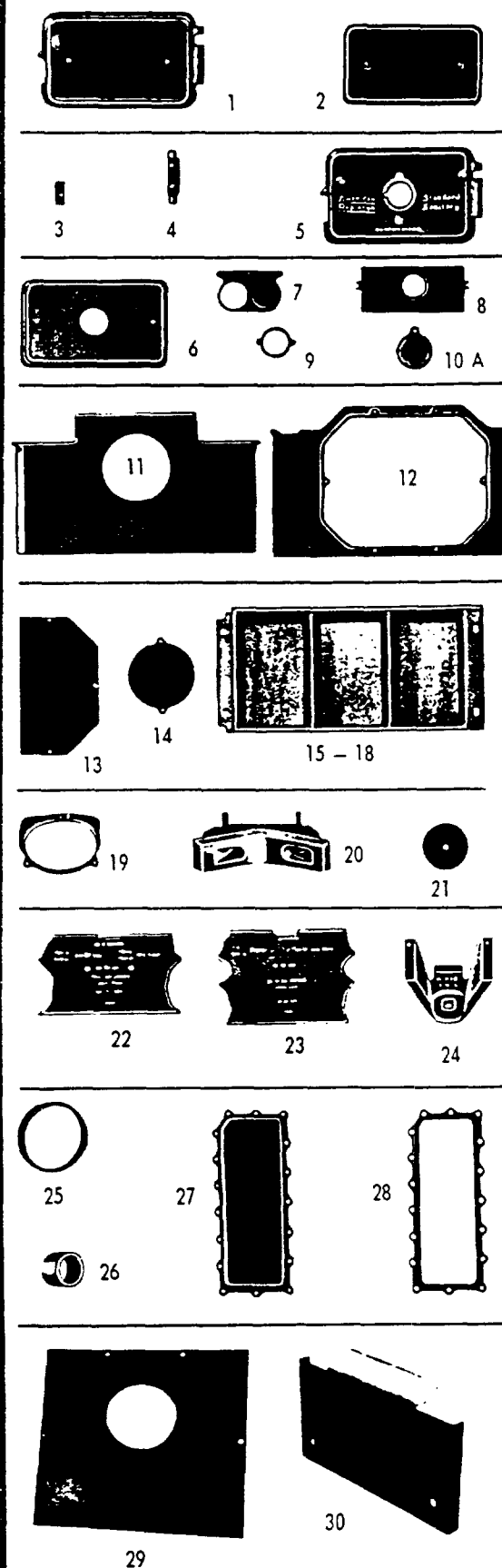


20856

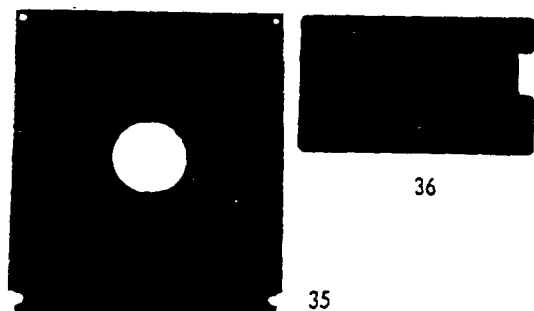
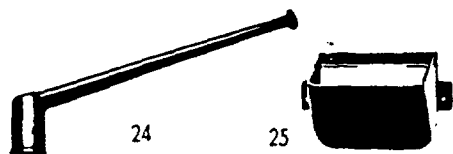
Cast iron repair parts for this boiler will be discontinued Dec. 31, 1983

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

cat. no.	description	part no.
1	cleanout door	1390
2	cleanout door lining	1391
3	cleanout and service door catch	1433
4	cleanout and service door hinge	1392
5	service door	1436
6	service door lining	1437
7	sight opening slide	1471
8	sight opening slide cover	475
9	sight glass retaining ring	1465
10	sight glass — 3" diameter	6280
10A	sight opening cover plate	170
11	front base panel	244
12	rear base panel	233
13	rear plate (2 pcs. steel)	61478
14	front base panel opening cover plate	1450
base side panels.		
15	4 section for no. 84, 88 and 89 boilers	234
16	5 section for no. 85 and 89 boilers	235
17	6 section for no. 85 boiler	236
18	7 section for no. 87 boiler	237
19	smoke collar	245
20	by-pass cover	240
21	protectostat opening flange	3049
22	combustion chamber baffle—narrow—(no. 84 boiler only)	241
23	combustion chamber baffle—wide—(no. 85 boiler only)	242
24	combustion chamber baffle bracket (no. 84 and 85 boilers only)	243
25	assembling nipple, 7" top	3082
26	assembling nipple, 2" bottom	3073
27	Built-in heater opening cover plate	238
28	Built-in heater opening gasket	6198
29	burner plate (steel)	95427
30	burner mounting bracket	18627



Arcoliner boiler
(dry base) steam and water
note: parts for 1BD inclusive
where series is not shown



cat. no.	description	part no.	used for
24	shaker handle	208	HF
25	draft pouch	193	HF
26	draft pouch door	194	HF
27	draft pouch door hinge	195	HF
28	smokehood	190	HF
29	smokehood check door	191	HF
30	smokehood check door hinge	192	HF
31	smokehood choke damper and -spindle, 7" rev.	5901	HF
32	draft regulator intermediate lever	1426	HF
33	smoke collar, 8"	209	O & S
34	draft opening cover plate	205	O & S
35	front oil plate (steel)	76552	O
36	crown sheet baffle	211	O
37	crown sheet baffle bracket	207	O
38	coil hole cover	1993	HF, O & S
39	coil hole cover strap	1994	HF, O & S
40	assembling nipple, 5" top	3079	HF, O & S
41	assembling nipple, 2" bottom	3073	HF, O & S
42	regulator lever (steel)	6504	HF
43	regulator rod — upper half (steel) 19 1/4"	6500	HF
44	regulator rod — lower half (steel) 35"	6500	HF
45	regulator rod collar (steel)	5720	HF
46	regulator rod clevis	1615	HF
47	counterweight 2 1/2 lbs	738	HF

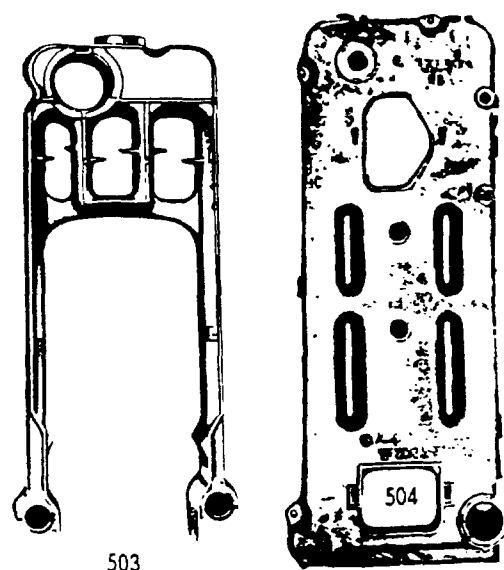
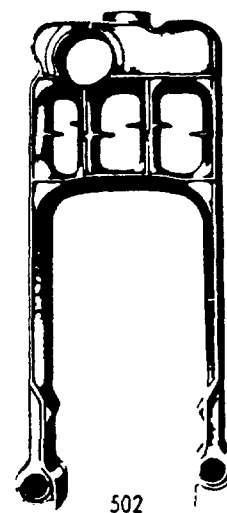
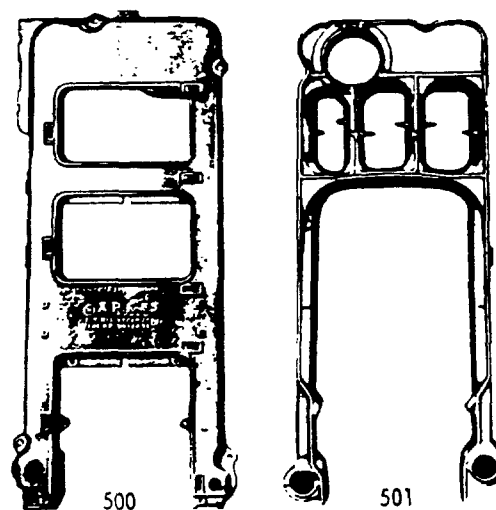
HF — coal fired O — oil fired S — stoker fired

20854

Arcoliner boiler
(dry base) steam and water
 note: parts for TBD inclusive
 where series is not shown

sections

cat. no.	description	code letter	part no.
500	front section	DF	3906
501	center section	DC	3907
502	center connecting section	DCX	3908
503	center connecting uptake section	DXU	3909
504	back section	DB	3910

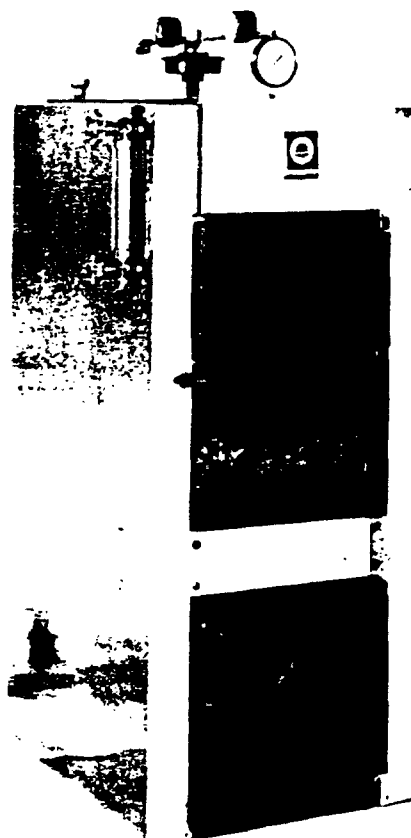




Arcoliner

boiler

(dry base) steam and water



series 1BD

hand fired
S or W-153-D to 156-D

oil fired
S or W-153-DO to 156-DO

stoker fired
S or W-CD-154 to CD-156

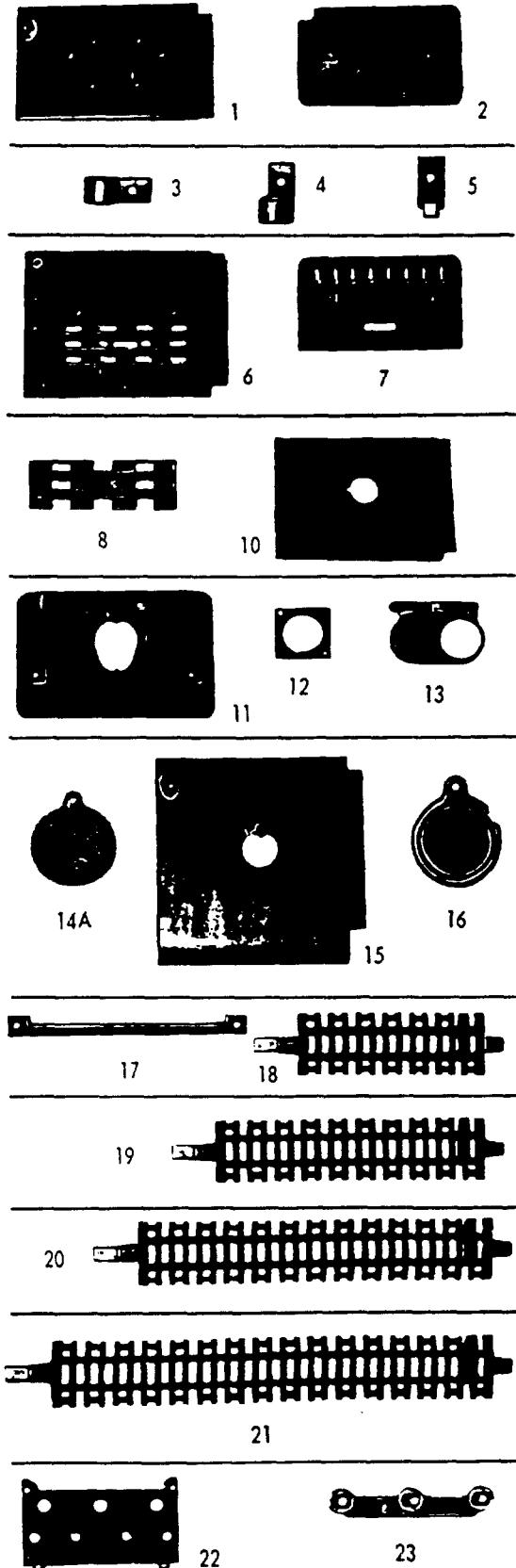
20852

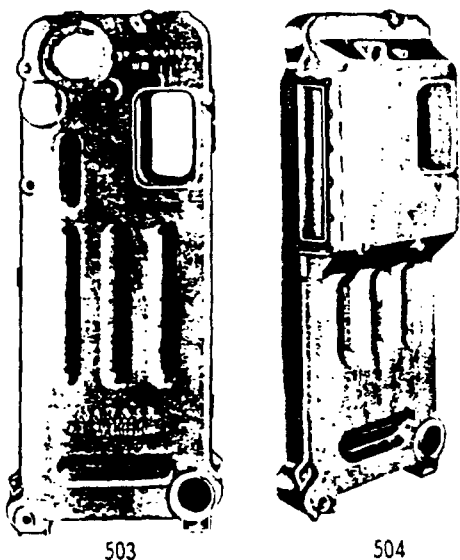
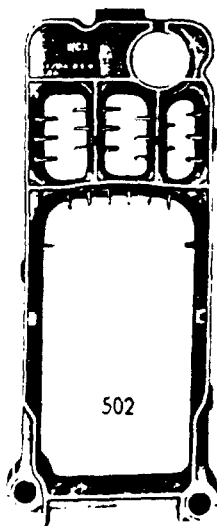
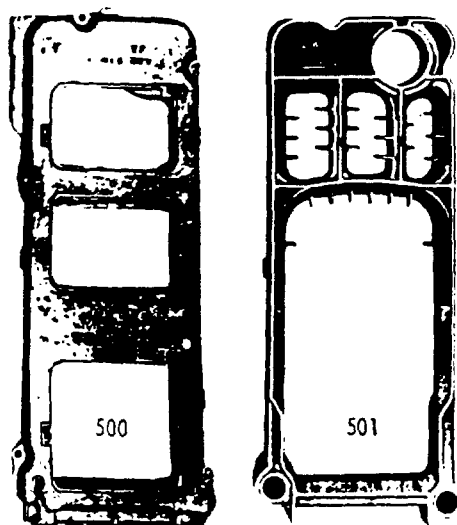
Cast iron repair parts for this boiler will be discontinued Dec. 31, 1983.

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

cat. no.	description	part no.	used for
1	cleanout plate	180	HF, O & S
2	cleanout door lining	181	HF, O & S
3	cleanout and fire door hinge	187	HF, O & S
3	ashpit door hinge — upper	187	HF
4	ashpit door hinge — lower	188	HF
5	door catch (for all doors)	186	HF, O & S
6	fire door	182	HF & S
7	fire door lining	183	HF & S
8	fire door slide damper and knob	184	HF & S
9	fire door and service door handle	6368	HF, O & S
10	oil service door	210	O
11	oil service door lining	203	O
12	sight glass retaining plate	164	O
13	sight opening slide	1471	O
14	sight glass	6280	O
14A	sight opening cover plate	170	O
15	ashpit door	185	HF
*16	cover for shaker opening	0170	HF
17	ashpit door sill	189	HF
18	grate bar—3 section (3 required per boiler)	196	HF
19	grate bar—4 section (3 required per boiler)	197	HF
20	grate bar—5 section (3 required per boiler)	200	HF
21	grate bar—6 section (3 required per boiler)	201	HF
22	grate support	198	HF
23	grate connecting arm	199	HF

*Substitute Cat. No. 14A for Cat. No. 16





Arcoliner oil boiler
(wet base) steam and water
 note: parts used for 1BN, 1BT, 2BT and 3BT
 inclusive where series is not shown

sections

cat. no.	description	part no.	code letter
500	front section	3911	WF
501	center section	3912	WC
502	center connecting section	3913	WCX
503	back section - narrow	3915	NWB
504	back section - wide	3914	TWB

†for use with flange type Built-in water heater.

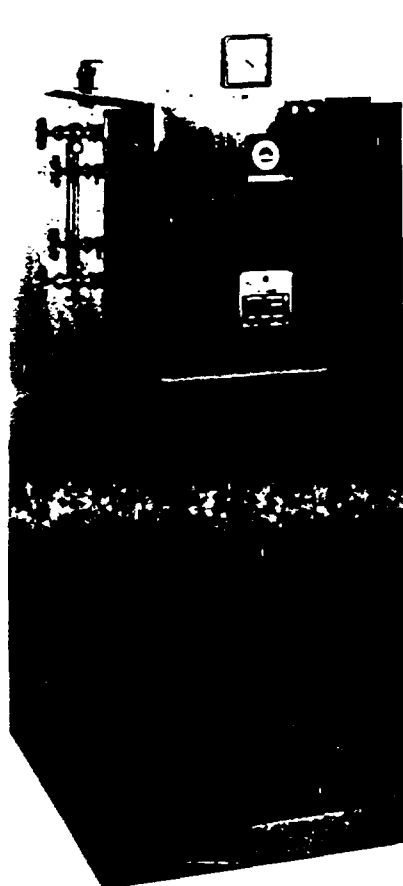
20851



Arcoliner

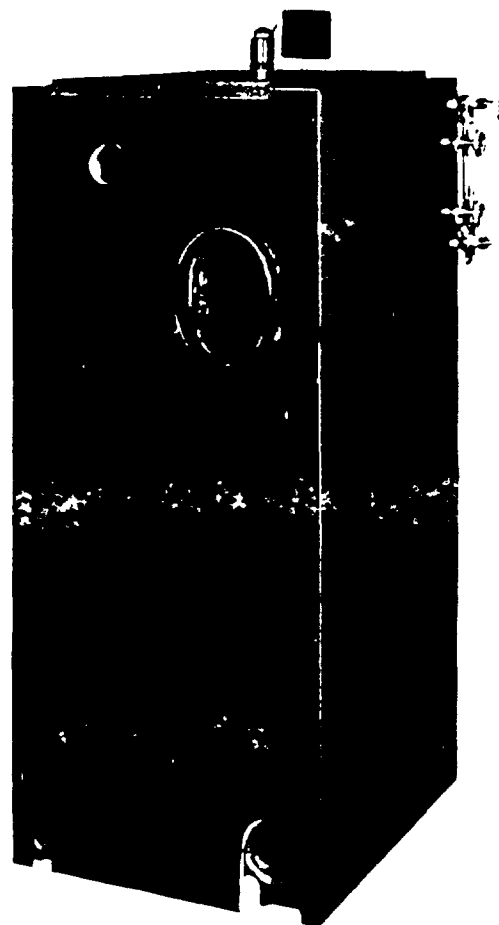
oil boiler

(wet base) steam and water



narrow back—series 1BN

S-O-153 to S-O-156
W-O-153 to W-O-156



wide back—series 1BT, 2BT and 3BT

S-O-153-T to S-O-156-T
W-O-153-T to W-O-156-T

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

narrow back — Dec. 31, 1977.

wide back — Dec. 31, 1983.

20849

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

cat. no.	description	part no.
1	cleanout door	180
2	cleanout door lining	181
3	cleanout and service door hinge	187
4	cleanout and service door catch	186
5	service door	210
6	service door handle (not illustrated)	6368
7	service door lining	203
8	sight glass retaining plate	164
9	sight opening slide	1471
10	sight glass (not illustrated)	6280
10A	sight opening cover plate	170
11	front burner panel (1B & 2B only)	206
11A	front burner panel (3B only)	213
11B	secondary air shutter (3B only)	222
12	cover plate for burner opening (steel)	75714
12A	cover plate for burner opening (steel) series 3B	25970
13	8" smoke collar	209
14	crown sheet baffle — 3 and 4 section	211
15	crown sheet baffle — 5 section	202
16	assembling nipple, 5" top	3079
17	assembling nipple, 2" bottom	3073
18	*Built-in heater opening cover plate	204
19	*Built-in heater opening gasket	6199
20	liner for front burner panel (steel)	76450
Heat Lib-o-rator combustion chamber (steel) for		
Arcoflame oil heating units only:		
21	for no. O-153-B or O-154-B units	14712
22	for no. O-155-B or O-156-B units	14713

*these parts are for use only on wide back boiler furnished less flange type
Built-in water heater.



1



2



3



4



5



7



8



9



10A



11



12



13



14



15



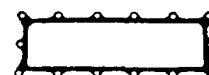
16



17



18



19



20

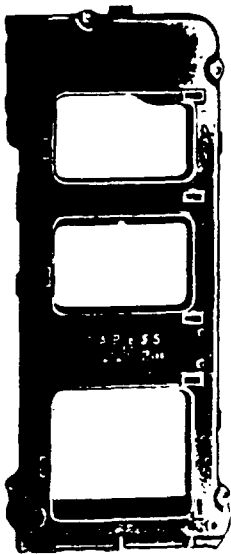


21 - 22

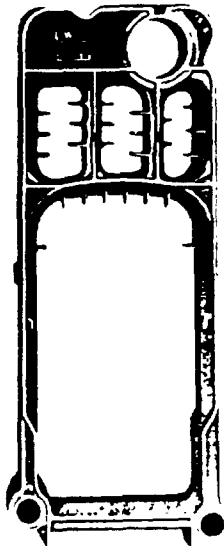
**Arcoliner oil boiler
(wet base) water only**
note: parts used for 2b, 3b and 4b
inclusive where series is not shown

sections

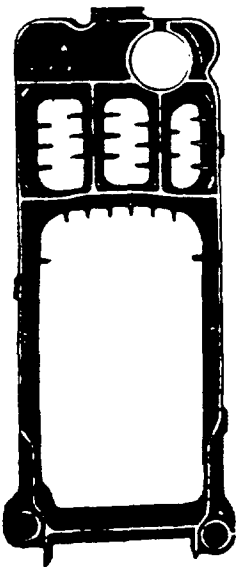
cat. no.	description	part no.	code letter
500	front section	3911	WF
501	center section	3912	WC
502	center connecting section	3913	WCX
503	back section	3915	NWB



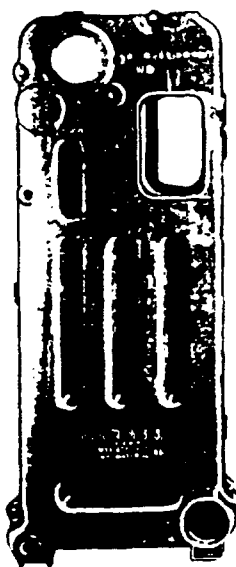
500



501



502



503

20848



Arcoliner

oil boiler

(wet base) water only



narrow back — series 2B, 3B & 4B

W-O-351 to W-O-651

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

20846

Cast iron repair parts for this boiler will be discontinued Dec. 31, 1977

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

cat. no.	description	part no.	series no.
1	cleanout door	180	
2	cleanout door lining	181	
3	cleanout and service door hinge	187	
4	cleanout and service door catch	186	
5	service door	210	
6	service door lining	203	
*7	sight opening cover plate	170	
7A	sight opening cover plate	170	
*8	base front panel (steel)—includes insulation	—	2B
9	front burner panel	206	3B
10	liner for front burner panel (steel)	76450	3B
11	cover plate for burner opening (steel)	75714	3B
12	smoke collar	209	
13	crown sheet baffle — 3 and 4 section	211	
14	crown sheet baffle — 5 section	202	
15	5" assembling nipple — top	3079	
16	2" assembling nipple — bottom	3073	
Heat Liberator combustion chamber (steel)			
**17	for no. W-O-351 or W-O-451	14712	
**18	for no. W-O-551 or W-O-651	14713	

*Not available. Substitute No. 9 for No. 8 and No. 7A for No. 7.

**When steel combustion chamber replacement is required for 2B series boiler, order should also include front burner panel No. 206 as it is not considered advisable to install new chamber on old steel plate.



1



2



3



4



5



6



7



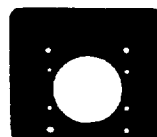
7A



8



9



10



11



12



13



14



15



16



17 - 18

**Arcoleader oil boiler
wet base, water only**

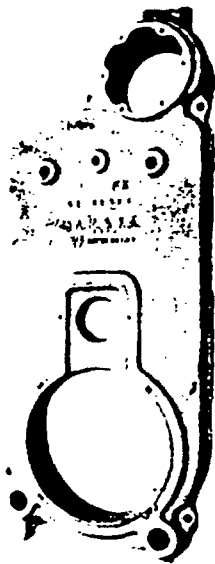
**note: parts used for 1B, 2B and 3B to 5B
inclusive where series is not shown**

sections

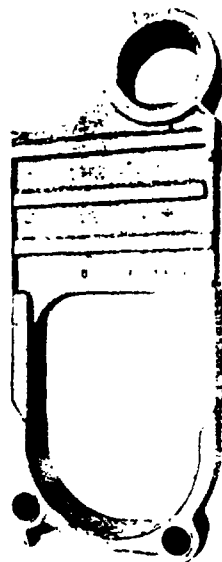
cat. no.	description	part no.	pattern ref. no.	code	series no.
500	front section less fins	4392	3916	F	1B
**500A	front section with fins	3916	3916	F	2B thru 5B
501	center section less fins	4393	3917	C	1B
**501A	center section with fins	3917	3917	C	2B thru 5B
502	back section less fins	4394	3918	B	1B
*502A	back section with fins	3918	3918	B	2B thru 5B

*NOTE: Back section ordered for 3 section boilers require new 3 section
combustion chambers. (on series 2B thru 4B only)

**Not illustrated



500



501



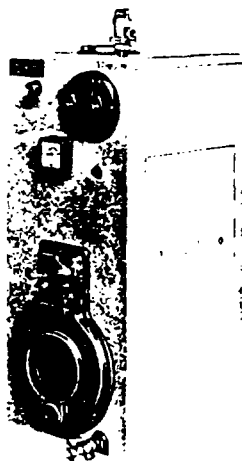
502

20845



Arcoleader

oil boiler
(wet base) water only



series 1B, 2B

A1-3 to A1-7



series 3B to 5B

A1-3 to A1-7

20843

Cast iron repair parts for this boiler will be discontinued Dec. 31, 1983.

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

cat. no.	description	part no.	series no.
cleanout cover plate assembly:			
1	3 section	11021	3B thru 5B
1A	3 section	25725	1B & 2B
2	4 section	11023	3B thru 5B
2A	4 section	25726	1B & 2B
3	5 section	11025	3B thru 5B
3A	5 section	25727	1B & 2B
4	6 section	11027	3B thru 5B
4A	6 section	25728	1B & 2B
5	7 section	17298	3B thru 5B
5A	7 section	25729	1B & 2B
6	sight opening cover plate	170	1B & 2B
*6A	observation door	226	3B thru 5B
**7	burner plate	221	1B thru 5B
8	burner plate insulating baffle	11461	
9	secondary air shutter	222	
canopy, steel:			
10	3 section	11032	
11	4 section	11033	
12	5 section	11034	
13	6 section	11035	
14	7 section	17191	
15	canopy stack switch bracket	11129	
16	assembling nipple, 6" top	3081	
17	assembling nipple, 2" bottom	3073	
18	water heater opening cover plate (w/ 1/4" tapping)	220	
18A	water heater opening cover plate w/ 3/8" tapping (special)	224	
19	water heater opening gasket	6201	
20	drain valve	5662	
Heat-Lib-o-rator combustion chamber (steel):			
21	3 section	25715	
22	4 section	14710	
23	5 section	14711	
24	6 section	14711	
25	7 section	17329	

*Not illustrated.

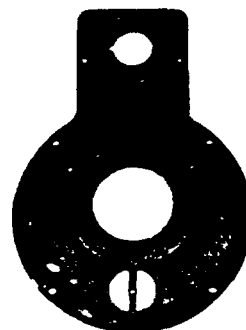
**Burner plate of rectangular opening (series 3B to 5B) furnished for all series.
When ordered for 1B & 2B, cat. no. 6A must also be ordered.



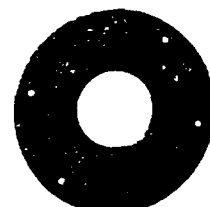
1 - 5



6



7



8



9



10 - 14



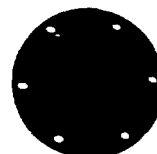
15



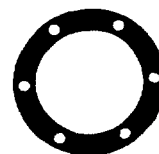
16



17



18



19



20



21 - 25

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

cat. no.	description	part no.	series no.
77	connecting arm slot cover plate	3014	
78	connecting arm slot cover strap	3015	
79	smoke collar - oil & stoker	405	10B to 12B
80	smokehood	358	
81	smokehood cap	359	
82	smokehood choke damper	349	
83	smokehood damper bearing	863	
84	smokehood damper lever	864	
85	smokehood check B/F door frame	350	
86	smokehood check B/F door, inside half	351	
87	smokehood check B/F door, outside half	352	
88	smokehood check B/F door ratchet	282	
89	coil hole cover	384	3B to 12B
90	assembling push nipple, 6" top	3081	
91	assembling push nipple, 3" bottom	3076	
92	hand regulator bracket	1664	
93	hand regulator clamp	1663	
94	regulator clevis	1995	
95	regulator rod	6502	
	upper - 39" long		
96	lower - 27 1/4" long		
*97	refractory crown sheet baffle - male half-oil	5070	12B
*98	refractory crown sheet baffle - female half-oil		

*Available only as a set of 2 pieces which includes 1 male and 1 female half.



77



78



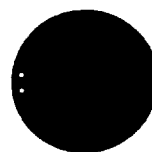
79



80



81



82



83



84



85



86



87



88



89



90 - 91



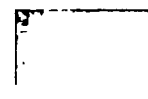
92



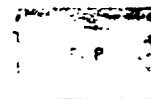
93



94



97



98

No. 3 Redflash boiler

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



36 - 41



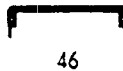
42 - 43



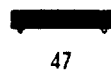
44



45



46



47



48



49



55



58



59



60 - 63



64 - 68



69 - 72



73 - 77

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	865	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	

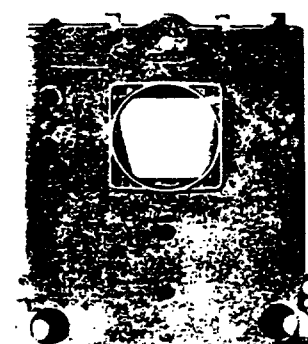
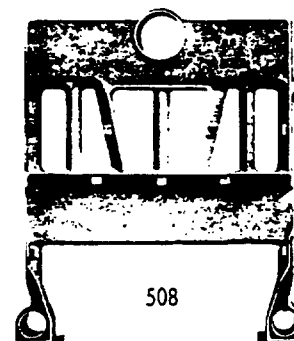
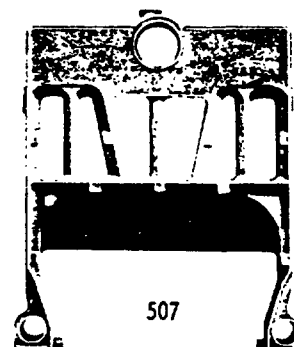
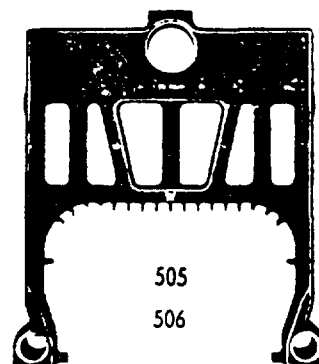
20875

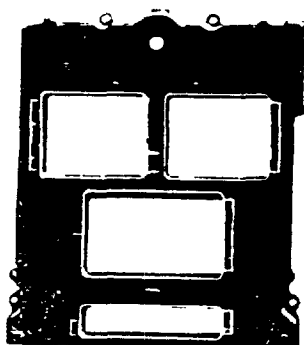
No. 3 Redflash boiler

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

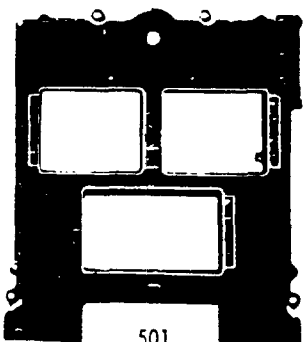
cat. no.	description	code letter	part no.	series no.
505	rear center (less flow boss on head)	RC	3944	1B to 12B
506	rear center connecting (4" flow tapping)	RCX	3945	1B to 12B
*507	front auxiliary air connecting (4" flow tapping)	FAX	4137	8B to 12B
508	rear auxiliary air	RA	4138	1B to 12B
509	back	B	3946	1B to 12B

*on series 1B to 7B, 4 x 3 1/2" bushing is furnished.

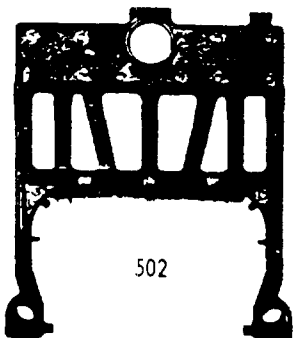




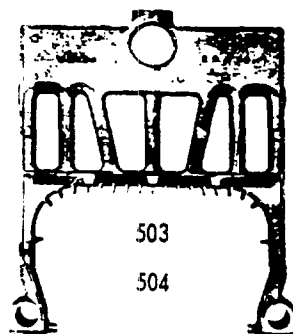
500



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— $\frac{1}{4}$ " 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 $3\frac{1}{4}$ " bushing is furnished.

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

20877

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

cat. no.	description	part no.	series no.
1	cleanout door, L.H. (hinge 875 required with this door)	880	
2	cleanout door, R.H. (hinge 876 required with this door)	879	
3	cleanout door lining, R. or L.	777	
4	cleanout door hinge, L.H.	875	6B to 8B
4	fire door hinge, L.H.	875	6B to 8B
5	cleanout door hinge, R.H.	876	6B to 8B
5	fire door hinge, R.H.	876	6B to 8B
6	cleanout door catch	404	
6	fire door catch	404	
7	fire door, L.H. (hinge 875 required with this door)	878	
8	fire door, R.H. (hinge 876 required with this door)	877	
9	fire door lining, R. or L.	881	
10	fire door slide damper	803	
11	ashpit door	392	6B to 8B
12	ashpit door hinge	393	6B to 8B
13	ashpit door catch	724	6B to 8B
14	angle lever plate	335	
15	angle lever opening cover plate	776	8B
16	blank angle lever plate	336	
17	angle lever link	338	
18	angle lever	6629	5B to 8B
19	connecting arm catch	705	
20	shaker handle	3048	5B to 8B
21	front base panel (coal)	885	6B to 8B
22	front base panel (oil)	882	4B to 8B
23	front burner plate (oil) — each	54294	2B to 8B



1



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16



17



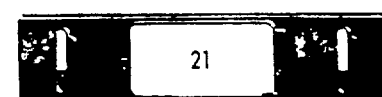
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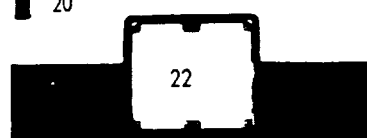
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20



21



22



23

20880

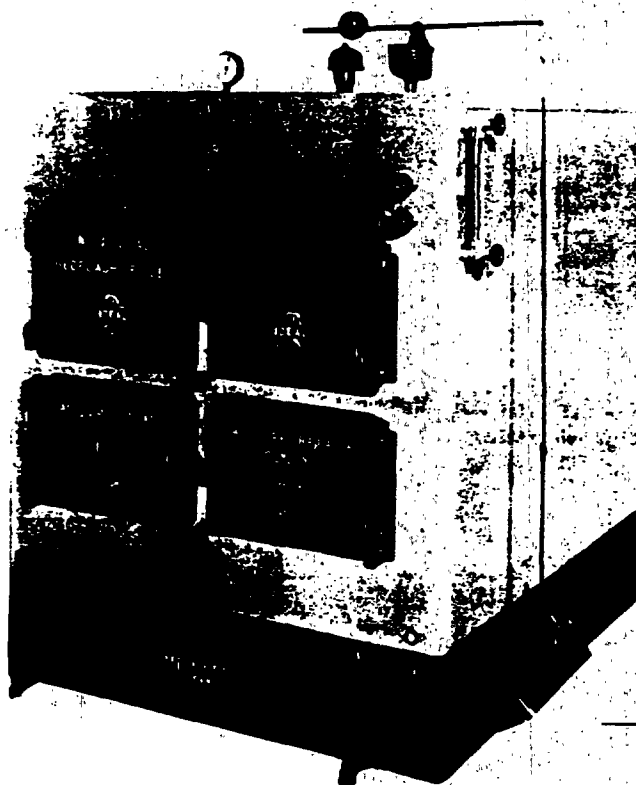
**AMERICAN
STANDARD**

no. 4 Redflash

boiler

(formerly no. 4 Ideal
Redflash boiler)

steam and water



series 8B

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.

20879

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

cat. no.	description	part no.
grate connecting arm		
53	3 blank R. front 7 and 8 section	791
54	4 blank R. front 9 and 10 section	792
55	5 blank R. front 11 and 12 section	793
56	6 blank R. front 13 and 14 section	794
grate connecting bars		
57	2 link R. rear 7 section	795
58	3 link R. rear 8 and 9 section	796
59	4 link R. rear 10 and 11 section	797
60	5 link R. rear 12 and 13 section	798
61	6 link R. rear 14 section	799
62	connecting arm slot cover plate	3014
63	connecting arm slot cover strap	3015
64	smoke collar coil and stoker, 8B	888
65	smokehood	804
66	smokehood cap	805
67	smokehood choke damper	862
68	smokehood damper bearing	863
69	smokehood damper lever	864
70	check B. fly door frame	806
71	check B. fly door, inside half	860
72	check B. fly door, outside half	861
73	check B. fly door ratchet	282
74	coil hole cover, 3B to 8B	384
†75	water seal, P-54	-
76	water seal, 8B	1019
77	auxiliary air frame	356
78	auxiliary air disc damper	357
79	assembling nipple, 6" top	3081
80	assembling nipple, 4" bottom	3077
81	hand regulator bracket	1664
82	hand regulator clamp	1663
83	regulator clevis	1995
84	regulator rod, 29" long (not illustrated)	6504



53 - 56



57 - 61



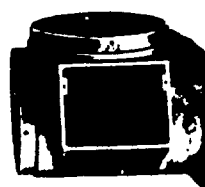
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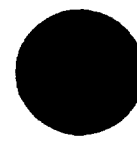
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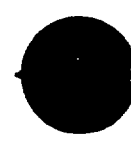
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65



66



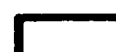
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68



69



70



71



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77



78



79 - 80



81



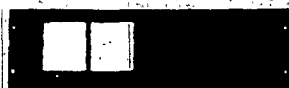
82



83

20882

†Not available (shown for identification purposes only). Substitute No. 1019



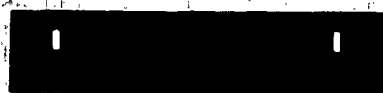
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28 - 30



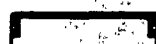
31 - 33



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

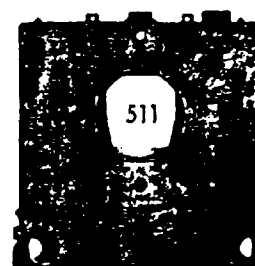
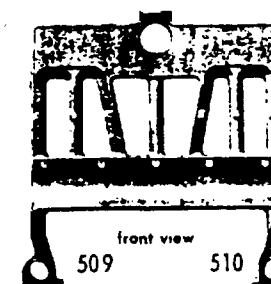
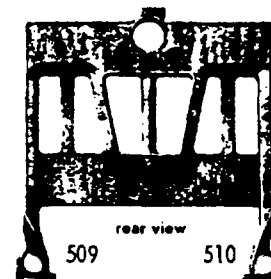
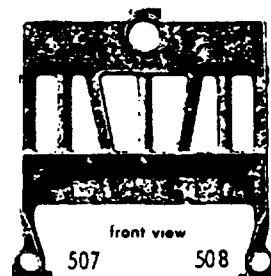
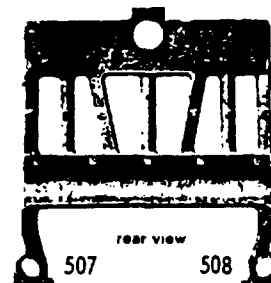
cat. no.	description	part no.
	base side panels, R.H., open	
24	6 section - 11 section assembly	866
25	7 section - 12 section assembly	867
26	8 section - 13 section assembly	868
27	10 section	889
	base side panels, L.H., closed	
28	6 section - 11 section assembly	869
29	7 section - 12 section assembly	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

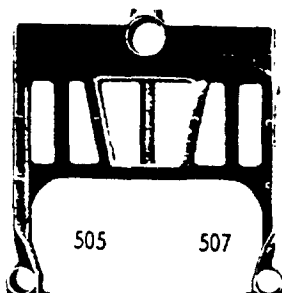
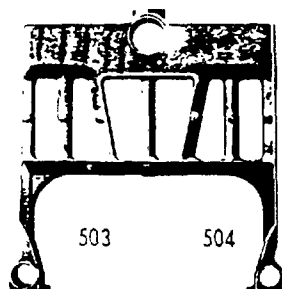
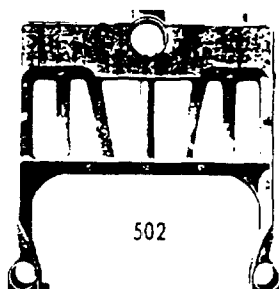
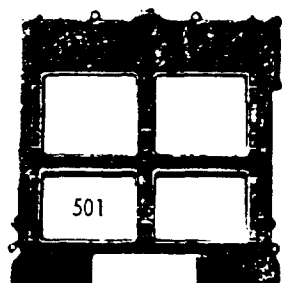
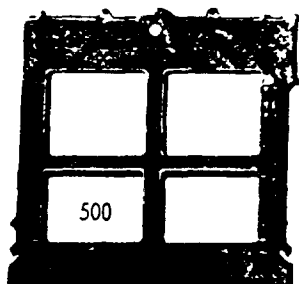
20881

No. 4 Redflash boiler

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

cat. no.	description	code letter	part no.	series no.
507	front auxiliary air (less flow boss on head) not available — substitute No. 508 with flow opening plugged	FA	—	1B to 8B
508	front auxiliary air connecting (with flow boss on head)	FAX	4146	1B to 8B
509	rear auxiliary air (less flow boss on head) not available — substitute No. 510 with flow opening plugged	RA	—	1B to 8B
510	rear auxiliary air connecting (with flow boss on head)	RAX	4148	1B to 8B
511	back	B	4149	1B to 8B





No. 4 Redflash boiler

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

sections

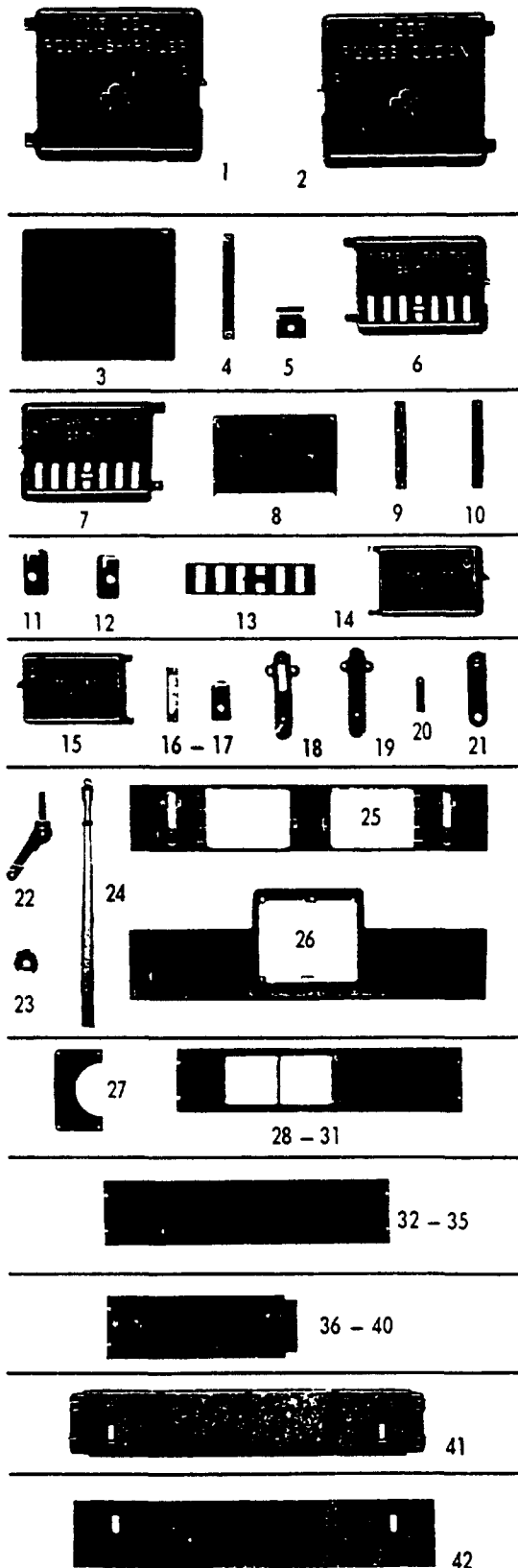
cat. no.	description	code letter	part no.	series no.
500	front — coal (center jacket screw tappings under cleanout and fire doors $\frac{1}{2}$ " to right of center)	F	4140	3B to 8B
501	front — oil (17 $\frac{1}{4}$ " burner opening at bottom)	FO	4141	4B to 8B
502	front center connecting	FCX	4142	1B 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)

20883

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

cat. no.	description	part no.	series no.
1	cleanout door, L.H.	900	
2	cleanout door, R.H.	901	
3	cleanout door lining, R. or L.	902	
4	cleanout door hinge, R. or L.	933	
5	cleanout door catch	404	
6	fire door, L.H.	878	
7	fire door, R.H.	877	
8	fire door lining, R. or L.	881	
9	fire door hinge, L.H.	875	
10	fire door hinge, R.H.	876	
11	fire door catch, L.H.	934	
12	fire door catch, R.H.	740	
13	fire door slide damper	803	
14	ashpit door, L.H.	935	1B & 3B
15	ashpit door, R.H.	936	1B & 3B
16	ashpit door hinge, R. or L.	937	1B & 3B
17	ashpit door catch	724	1B & 3B
18	angle lever plate	335	1B & 3B
19	angle lever opening cover	776	3B
20	blank angle lever plate	336	1B & 3B
21	angle lever link	338	1B & 3B
22	angle lever	6629	1B & 3B
23	connecting arm catch	705	1B & 3B
24	shaker handle	3048	1B & 3B
25	front base panel — coal	909	1B & 3B
26	front base panel — oil	943	2B & 3B
27	front burner plate — oil — each	54294	2B & 3B
base side panels, R.H. — open			
28	6 section — 6 and 10 section assembly	913	
29	7 section — 7, 11 and 14 section assembly	914	
30	8 section — 8, 12 and 15 section assembly	915	
31	9 section — 9, 13, 16 and 17 section assembly	916	
base side panels, L.H. — closed			
32	6 section — 6 and 10 section assembly	917	
33	7 section — 7, 11 and 14 section assembly	918	
34	8 section — 8, 12 and 15 section assembly	919	
35	9 section — 9, 13, 16 and 17 section assembly	920	
base side extensions			
36	1 section base side extensions	947	
37	2 section base side extensions	948	
38	4 section base side extensions used on 10, 11, 12 and 13 section assembly	921	
39	7 section base side extension 14, 15 and 16 section assemblies	922	
40	8 section base side extension 17 section assembly	942	
41	bridgwall base panel	938	1B & 3B
42	rear base panel	910	





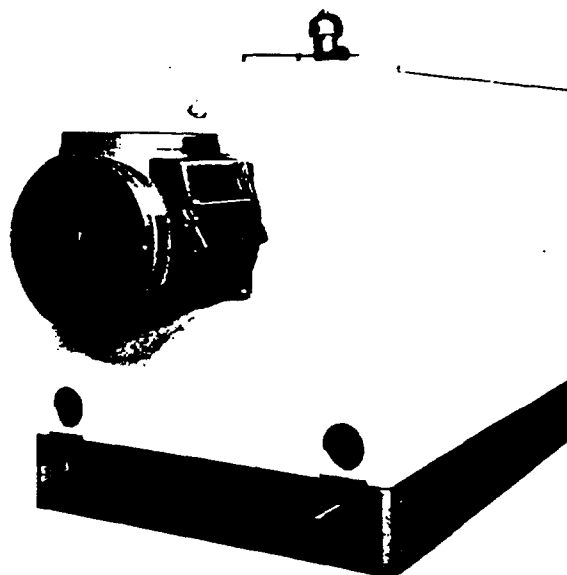
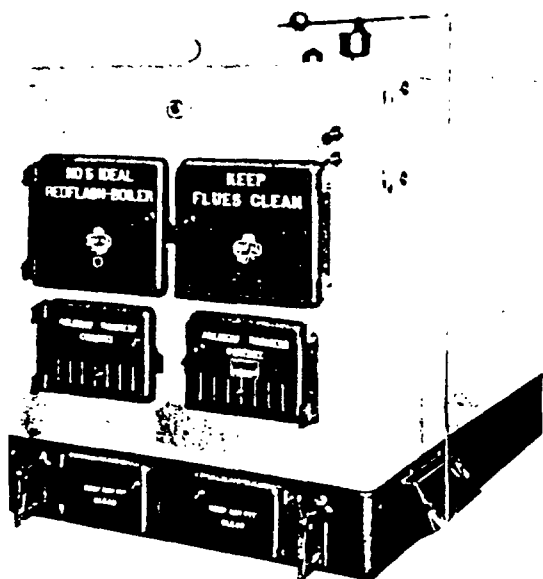
AMERICAN
STANDARD

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

20885

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

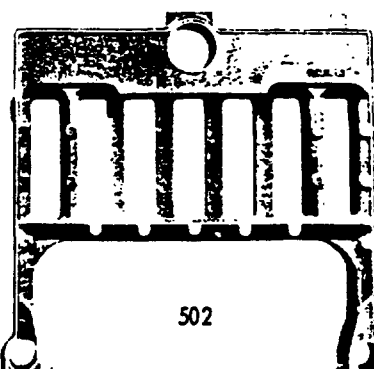
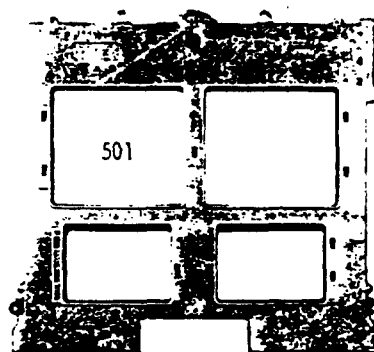
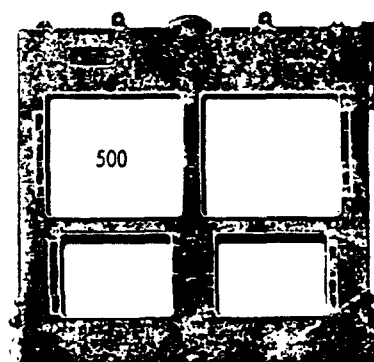
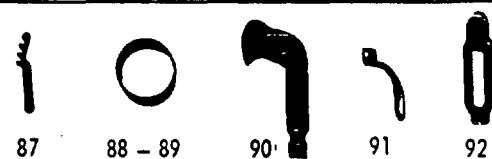
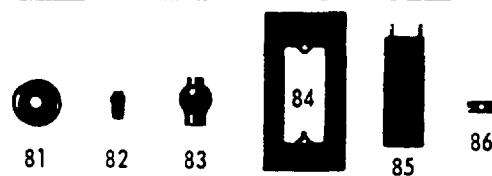
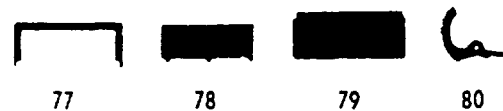
Repair part price for each part number is found at back of book.

cat. no.	description	part no.	series no.
77	check B, fly door frame	904	
78	check B, fly door, inside half	905	
79	check B, fly door, outside half	906	
80	check B, fly door ratchet	907	
81	coil hole cover, complete	384	
†82	water seal, P-54	—	
83	water seal	1019	3B
84	auxiliary air frame	939	1B & 3B
85	auxiliary air door	940	1B & 3B
86	auxiliary air door hinge	941	1B & 3B
87	auxiliary air door ratchet	1199	1B & 3B
88	assembling nipple, 7" top	3082	
89	assembling nipple, 4" bottom	3077	
90	hand regulator bracket	1664	1B & 3B
91	hand regulator clamp	1663	1B & 3B
92	regulator clevis	1995	1B & 3B
93	regulator rod	6502	1B & 3B
	1/4" x 46" long, upper		
	1/4" x 27 1/4" long, lower		

sections

cat. no.	description	code letter	part no.	series no.
500	front — coal	F	4151	1B & 3B
501	front — oil	FO	4152	2B & 3B
502	front center connecting	FCX	4153	1B & 3B

†Not available (shown for identification purposes only) Substitute No. 1019.





43



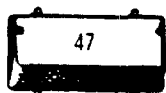
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46



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48



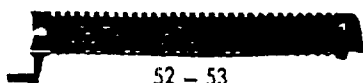
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50



51



52 - 53



54 - 55



56 - 57



58



59 - 61



62 - 63



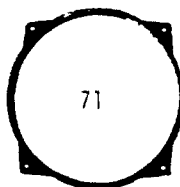
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67 - 68

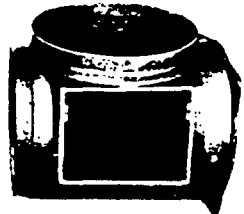


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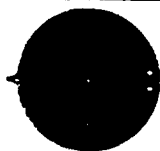


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72



73



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76

No. 5 Redflash boiler

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

cat. no.	description	part no.	series
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	

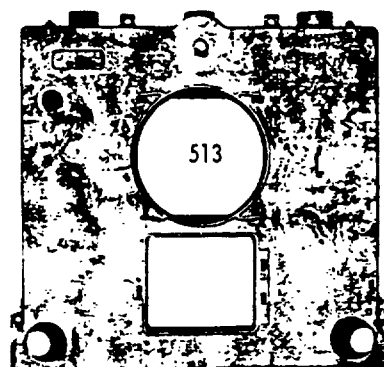
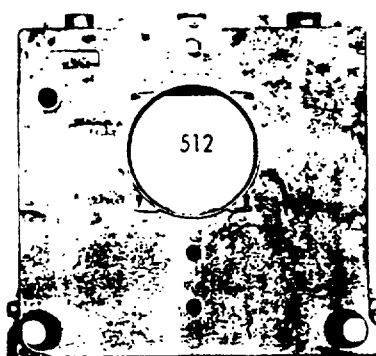
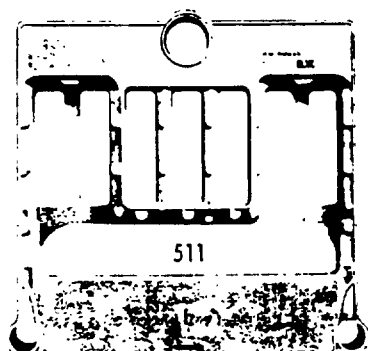
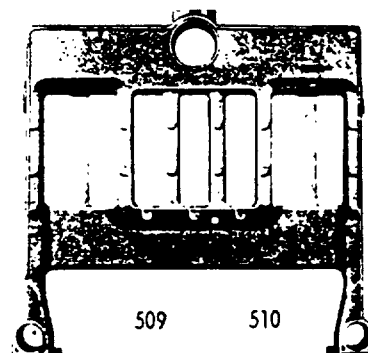
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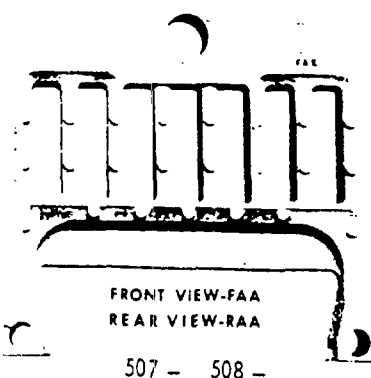
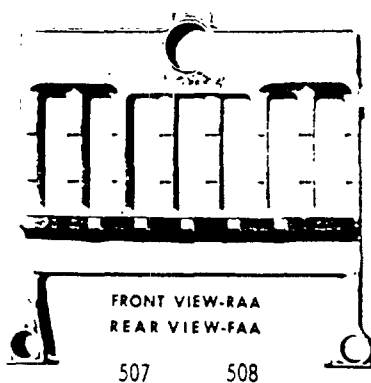
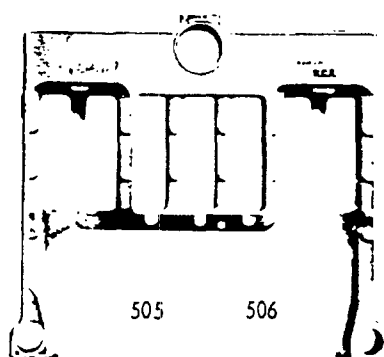
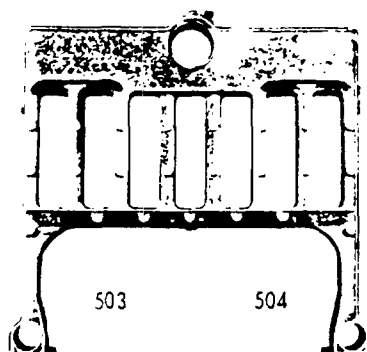
No. 5 Redflash boiler

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

cat. no.	description	code letter	part no.	series no.
†509	rear auxiliary air uptake (less flow boss on head)	RU	—	1B & 3B
510	rear auxiliary air uptake connecting (with flow boss on head)	RUX	4159	1B & 3B
511	bridgewall	BW	4155	1B & 3B
512	back without cleanout door opening	B	4162	1B to 3B
513	back with cleanout door opening	BD	4163	1B to 3B

†Not available (substitute no. 510 with flow opening plugged)





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
†503	center (less flow boss on head)	C	—	1B to 3
504	center connecting (with flow boss on head)	CX	4154	1B to 3
**505	rear center (less flow boss on head)	RC	—	1B to 3
506	rear center connecting (with flow boss on head)	RCX	4161	1B to 3
*507	front or rear auxiliary air (less flow boss on head)	FA or RA	—	1B & 3
508	front or rear auxiliary air connecting (with flow boss on head)	FAX or RAX	4157	1B & 3

20889

†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.

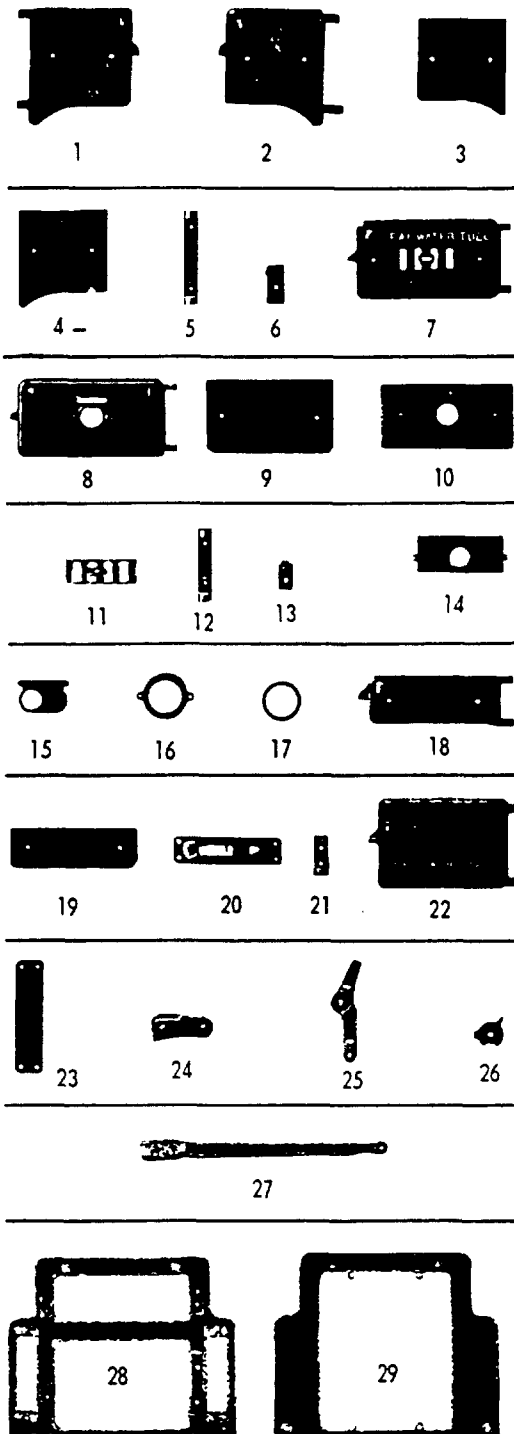
cat. no.	description	part no.	series no.
1	cleanout door, L.H.	441	1B to 13B
2	cleanout door, R.H.	440	1B to 13B
3	cleanout door lining, L.H.	442	1B to 13B
4	cleanout door lining, R.H.	443	1B to 13B
5	cleanout door hinge, R. or L.	458	1B to 13B
6	cleanout door catch	986	1B to 13B
7	fire door, anthracite	438	1B to 13B
7	fire door, smokeless	438	1B to 13B
			& 5B to 12B
8	service door, oil (including hinge 23-WT-56 and catch 23-WT-57 on 11B series)	480	11B to 13B
9	fire door lining	439	1B to 13B
9	fire door lining, smokeless	439	1B to 13B
			& 5B to 12B
10	service door lining, oil (steel)	61593	11B to 13B
11	fire door side damper, anthracite	1582	1B to 13B
11	fire door slide damper, smokeless	1582	1B to 13B
12	fire door hinge		& 5B to 12B
12	fire door hinge	1000	1B to 13B
12	service door hinge	1000	6B to 10B, 12B & 13B
12	ashpit door hinge	1000	1B to 13B
13	fire door catch	1001	1B to 13B
13	service door catch	1001	6B to 10B, 12B & 13B
13	slice door catch	1001	1B to 13B
13	ashpit door catch	1001	1B to 13B
14	sight opening slide cover, oil	475	11B to 13B
15	sight opening slide	1471	11B to 13B
16	sight glass retaining ring	1465	11B to 13B
17	sight glass, 3" diameter	6280	11B to 13B
18	slice door	422	1B to 13B
19	slice door lining	423	1B to 13B
20	slice door hinge	422	1B to 13B
21	ashpit door	421	1B to 13B
22	angle lever plate	3010	1B to 13B
23	blank angle lever plate	424	1B to 13B
24	angle lever link	455	1B to 13B
25	angle lever	3012	1B to 13B
26	connecting arm catch	1897	1B to 13B
27	shaker handle	1767	1B to 13B
28	ashpit and slice door frame	420	1B to 13B
29	base front frame, oil	472	6B to 13B

parts no longer available

pattern no. 2-A-17, shaker handle
 pattern no. 29-WT-79, fire door
 pattern no. 29-WT-82, cover plate
 pattern no. 29-WT-110, service door
 w/catches no. 29-WT-112 & 113.

replacement parts

cat. no. 35
 cat. no's. 7 & 16
 part no. 479
 part no's. 480, 1000 & 1001.



20892

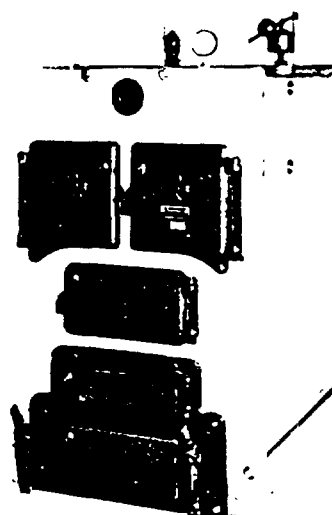
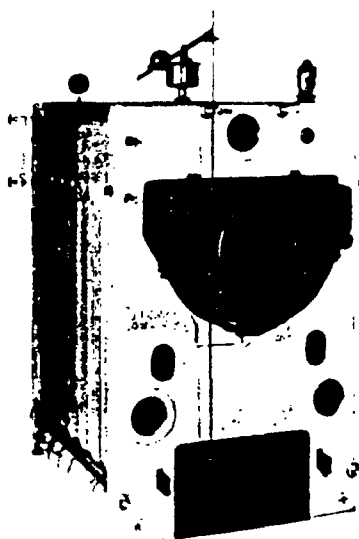


no. 29 Water Tube

boiler

(formerly 29" Ideal water tube boiler)

steam and water



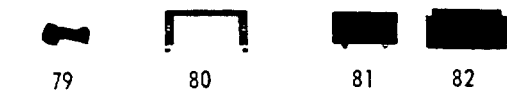
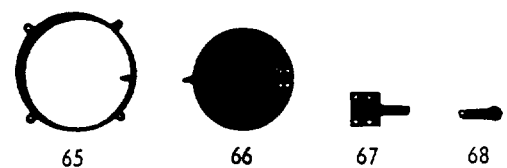
anthracite coal (hand fired) type "T" small flue center sections	series 13B	S or W-29-T-5 to 29-T-10
oil fired small flue center sections	series 13B	S or W-0629 to 1429
stoker fired small flue center sections	series 13B	SC or WC-29-T-5 to 29-T-12

Cast iron repair parts for this boiler will be discontinued Dec. 31, 1978.

Series 1B to 4B (prior to 1924) and 5B to 12B (1924) smokeless repairs are no longer available. However, certain parts used on 1B to 3B & 10B to 13B anthracite boilers were also used on the smokeless. These parts are still available as indicated.

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

cat. no.	description	part no.	series no.
57	connecting arm slot cover	3014	1B to 13B
58	connecting arm slot cover strap	3015	1B to 13B
	smokehood parts used on:		
	anthracite, 1 to 3B series,		
	smokeless, 1 to 4B series		
59	smokehood body casting	29-WT-36	*
60	check draft frame hinge	1645	
61	check draft frame catch	1791	
62	check B F door lever with $\frac{1}{4}$ " tapping	453	
63	check B F door balance weight	1191	
	smokehood parts used on:		
	anthracite, 4 to 13B series,		
	smokeless, 5 to 12B series,		
	oil, 6 to 13B series,		
	stoker, 10 to 13B series		
64	smokehood body casting (includes cleanout cover plate 29-WT-108 on 4 to 9B series)	461	
65	smokehood pipe collar	464	
	smokehood parts used on:		
	anthracite, 4 to 13B series,		
	smokeless, 5 to 12B series,		
	oil, 6 to 11B series,		
	stoker, 10 and 12B series		
66	smokehood choke damper	465	
67	smokehood damper bearing	1204	
68	smokehood damper lever	1205	
69	smokehood damper front bracket	469	
70	smokehood damper rear bracket	470	
71	smokehood damper angle lever	3030	
72	smokehood damper ratchet handle	1234	
73	smokehood cleanout door	462	
74	smokehood cleanout door hinge	463	
75	smokehood cleanout cover plate	473	10B to 13B
76	smokehood damper bracket	1226	12B & 13B
77	smokehood damper clamp	1928	12B & 13B
	smokehood extension parts used on:		
	anthracite, 4 to 12B series,		
	smokeless, 5 to 12B series,		
80	check B F door frame	0466	
81	check B F door, inside half	0468	
82	check B F door, outside half	0467	
83	check B F door lever with $\frac{1}{4}$ " tapping	453	
84	check B/F door balance weight	1191	
85	coil hole cover	3040	2B to 13B
86	coil hole cover strap	3041	
87	water seal	1019	1B to 10B



*Note: Smokehood body casting 29-WT-36, used on anthracite series 1 to 3B, and smokeless series 1 to 4B, not available. Substitute smokehood complete as used on series 13B anthracite boilers.



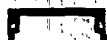
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31



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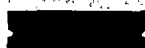
35



36



37



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39 - 40



41 - 42



43



44 - 46



49 - 50



51 - 53



54 - 56

No. 29 water tube boiler steam and water

note: parts used for 1B to 13B inclusive
where series is not shown

cat. no.	description	part no.	series n
30	front burner plate, oil	478	12B & 13E
31	burner opening cover plate	1450	12B & 13E
32	draft pouch	445	1B to 13E
33	draft B/F door frame	446	1B to 13E
34	draft B/F door, inside half	448	1B to 13E
35	draft B/F door, outside half	474	7B to 13E
36	draft B/F door, balance weight	1191	1B to 13E
37	rear burner plate, oil (includes cover plate 12-OB-3 on 6 to 11B series)	479	6B to 13E
38	cross water way coal guard for oil, front section	471	6B to 13E
39	grate bar, regular, L.H.	483	1B to 13E
40	grate bar, regular, R.H.	482	1B to 13E
41	grate bar, pea coal, L.H.	485	1B to 13E
42	grate bar, pea coal, R.H.	484	1B to 13E
	grate connecting bars, one piece		
43	3 link, 5 section, anthracite	425	1B to 13B
	grate connecting bars, L.H., front half		
44	2 link, 6 section, anthracite	426	1B to 13B
45	3 link, 7 and 8 section, anthracite & smokeless	427	1B to 13B
46	4 link, 9 and 10 section, anthracite & 4 link, 8 to 10 section, smokeless	428	1B to 13B
	grate connecting arms, L.H., rear half		
49	3 blank, 8 and 9 section, anthracite & smokeless	430	1B to 13B
50	4 blank, 10 section, anthracite & 11 section, smokeless	431	1B to 13B
	grate connecting arms, R.H., front half		
51	2 blank, 6 section, anthracite	432	1B to 13B
52	3 blank, 7 and 8 section, anthracite & smokeless	433	1B to 13B
53	4 blank, 9 and 10, anthracite & 4 blank, 8 to 10 section, smokeless	434	1B to 13B
	grate connecting bars, R.H., rear half		
54	2 link, 6 and 7 section, anthracite & 2 link, 8, 9, 10, 11 section, smokeless	435	1B to 13B
55	3 link, 8 and 9 section, anthracite & smokeless	436	1B to 13B
56	4 link, 10 section, anthracite & 4 link, 10 section, anthracite and 11 section, smokeless	437	1B to 13B

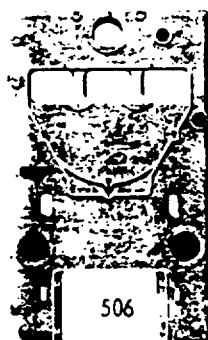
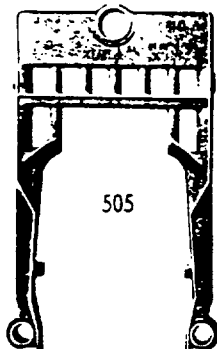
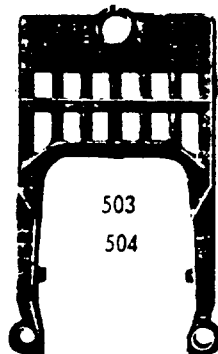
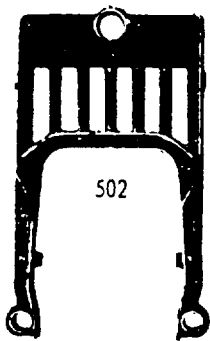
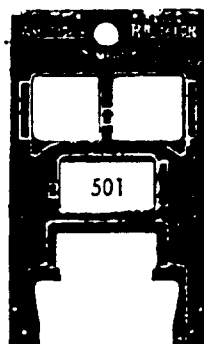
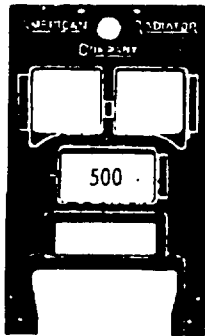
20893

89 - 90



92

93



No. 29 water tube boiler

steam and water

note: parts used for 1B to 13B inclusive
where series is not shown

cat. no.	description	part no.	code letter	series no.
88	assembling nipple, 5" top	3079		1B to 13B
89	assembling nipple, 3" bottom	3076		1B to 13B
90	hand regulator bracket	1664		1B to 13B
91	hand regulator bracket clamp	1663		1B to 13B
92	regulator clevis	1615		7B to 13B
93	regulator lever	6504		1B to 13B
94	two-piece regulator rod and clevis	6502		1B to 13B

sections

cat. no.	description	part no.		series no
500	front-coal, steam or water, threaded type	3947	A	10B to 13B
501	front-oil, threaded type, steam or water	3948	AO	10B to 13B
502	front center-oil, steam or water	3949	BO	9B to 13B
503	center-type "T", steam or water		CO	10B to 13B
504	center-oil, steam or water		CO	9B to 13B
505	rear center-coal, steam	3951	UO	1B to 3B
	rear center-special type "T" steam or water			10B to 13B
	rear center-oil, steam or water			9B to 13B
506	back-steam or water, threaded type	3952	H	10B to 13B

20895

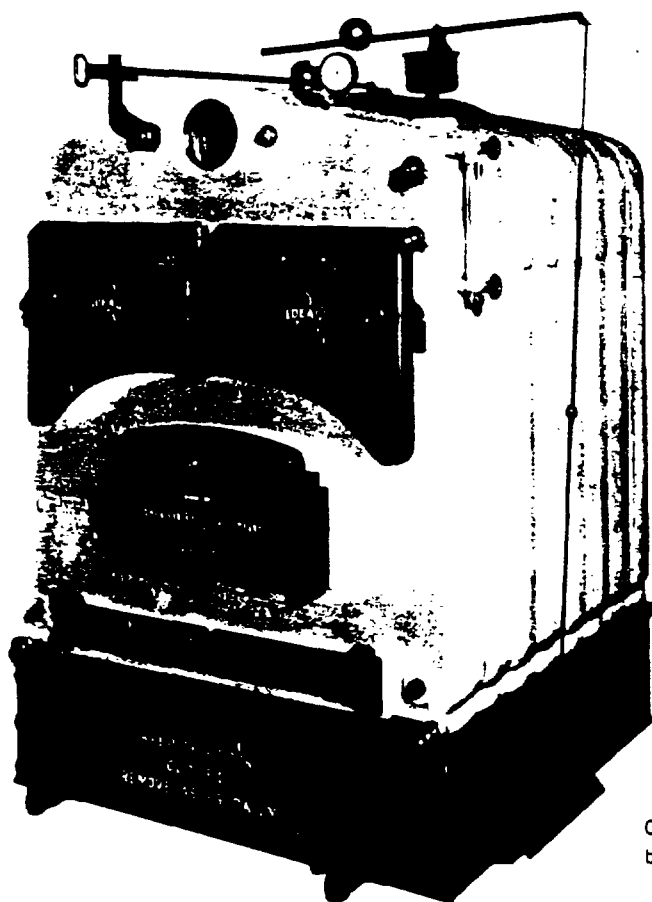


no. 36 Water Tube

boiler

(formerly 36" Ideal water tube boiler)

steam and water



20896

Cast iron repair parts for this boiler will
be discontinued Dec. 31, 1975.

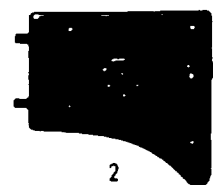
anthracite coal (hand fired) type "T" small flue center section	series 10B	S or W 36-T-6 to 36-T-15
oil fired small flue center sections	series 10B	S or W-0836-0936-1036 1136-1236-1336-1436-1536
stoker small flue center sections	series 10B	SC or WC-36-T-6 to 36-T-12

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

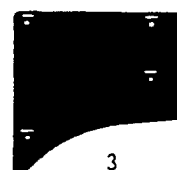
cat. no.	description	part no.	series no.
1	cleanout door, L.H.	1166	1B to 10B
2	cleanout door, R.H.	1167	1B to 10B
3	cleanout door lining, L.H.	1168	1B to 10B
4	cleanout door lining, R.H.	1169	1B to 10B
5	cleanout door hinge	1170	1B to 10B
6	cleanout door catch, R. or L.	1171	1B to 10B
6	fire door catch	1171	1B to 10B
6	slide door catch, R. or L.	1171	1B to 10B
7	fire door, large	1196	4B to 10B
8	fire door lining, large, smokeless, anthracite or oil	1197	4B to 10B
9	fire door slide damper, anthracite & smokeless	1130	1B to 10B
10	fire door hinge	1164	1B to 10B
11	slide door, L.H.	1160	1B to 10B
12	slide door, R.H.	1161	1B to 10B
13	slide door hinge, R. or L.	1162	1B to 10B
14	ashpit door	1189	1B to 10B
15	ashpit door hinge	3358	1B to 10B
16	ashpit door catch	1296	1B to 10B
17	angle lever bracket	1262	1B to 10B
18	angle lever link	1261	1B to 10B
19	angle lever	3023	1B to 10B
20	connecting arm catch	3025	1B to 10B
21	shaker handle	1292	1B to 10B



1



2



3



4



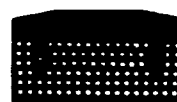
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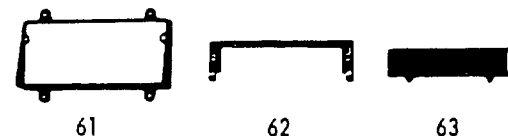
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21

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

cat. no.	description	part no.	series no.
61	side draft pouch	1209	6B to 10B
62	draft butterfly door frame	1210	6B to 10B
63	draft butterfly door, inside half	1211	6B to 10B
64	draft butterfly door, outside half	1212	6B to 10B
65	draft cover plate — oil — side	1222	6B to 10B
66	grate bar, L.H., reg.	1150	1B to 10B
67	grate bar, R.H., reg.	1152	1B to 10B
68	grate bar, L.H., pea coal	1151	1B to 10B
69	grate bar, R.H., pea coal	1153	1B to 10B
70	grate bar locking pin	1188	1B to 10B
grate connecting bars, L.H., front half			
71	3 link 6 and 7 section, anthracite & smokeless	1137	1B to 10B
72	4 link 8 and 9 section, anthracite & smokeless	1141	1B to 10B
73	5 link 10 and 11 section, anthracite & smokeless	1145	1B to 10B
74	5 link 12 and 13 section, anthracite & smokeless	1149	1B to 10B
75	7 link 14 and 15 section, anthracite & smokeless	1177	1B to 10B
76	2 blank 6 section, anthracite & smokeless	1135	1B to 10B
77	3 blank 7 and 8 section, anthracite & smokeless	1139	1B to 10B
78	4 blank 9 and 10 section, anthracite & smokeless	1143	1B to 10B
79	5 blank 11 and 12 section, anthracite & smokeless	1147	1B to 10B
80	6 blank 13 and 14 section, anthracite & smokeless	1176	1B to 10B
81	7 blank 15 section, anthracite & smokeless	1217	1B to 10B
grate connecting bars, R.H., front half			
82	3 blank, 6 and 7 section, anthracite & smokeless	1136	1B to 10B
83	4 blank 8 and 9 section, anthracite & smokeless	1140	1B to 10B
84	5 blank 10 and 11 section, anthracite & smokeless	1144	1B to 10B
85	6 blank 12 and 13 section, anthracite & smokeless	1148	1B to 10B
86	7 blank 14 and 15 section, anthracite & smokeless	1187	1B to 10B
87	2 link 5 and 6 section, anthracite & smokeless	1134	1B to 10B
88	3 link 7 and 8 section, anthracite & smokeless	1138	1B to 10B
89	4 link 9 and 10 section, anthracite & smokeless	1142	1B to 10B
90	5 link 11 and 12 section, anthracite & smokeless	1146	1B to 10B
91	6 link 13 and 14 section, anthracite & smokeless	1175	1B to 10B
92	7 link 15 section, anthracite & smokeless	1216	1B to 10B
93	connecting arm slot cover	3014	1B to 10B
94	connecting arm slot cover strap	3015	1B to 10B
95	smokeless body (includes cleanout cover plate 29-WT-108 on 5 to 8B series)	1200	



61

62

63



64



65



66 - 67



68 - 69

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71 - 75



76 - 81



82 - 86



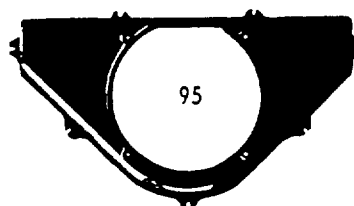
87 - 92



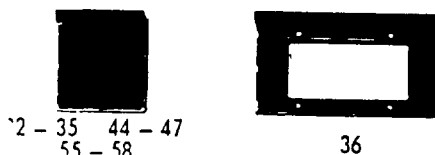
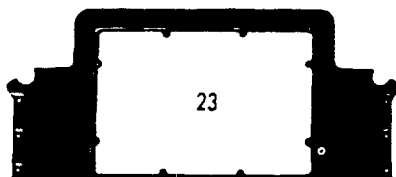
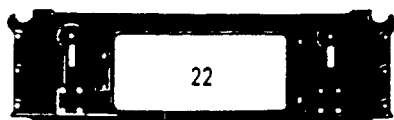
93



94



95



No. 36 water tube boiler steam and water
(formerly 36" Ideal water tube boiler)
note: parts used for 1B to 10B inclusive
where series is not shown

cat. no.	description	part no.	series no.
22	front base panel — coal	1131	1B to 10B
23	front base panel — oil	1223	8B to 10B
24	front burner plate — oil, R. or L.	1224	8B to 10B
	base side panels, R. or L.: anthracite, 1B to 5B series smokeless, 1B to 6B series oil and stoker, 10B series		
*25	5 section—side base panel	36-WT-25	
26	6 section—side base panel	1154	
27	7 section—side base panel	1155	
28	8 section—side base panel	1156	
29	9 section—side base panel	1157	
30	10 section—side base panel	1158	
31	11 section used on 12, 13, 14, 15 section	1159	
32	1 section extension used on 12 section	1173	
33	2 section extension used on 13 section	1174	
34	3 section extension used on 14 section	1218	
35	4 section extension used on 15 section	1219	
	base side panels, R.H.: anthracite, 6B to 10B series smokeless, 7B to 9B series oil, 6B to 9B series		
36	4 section open used on all assemblages	1213	
*37	5 section used on 9 section	36-WT-25	
38	6 section used on 10 section	1154	
39	7 section used on 11 section	1155	
40	8 section used on 12 section	1156	
41	9 section used on 13 section	1157	
42	10 section used on 14 section	1158	
43	11 section used on 15 section	1159	
44	1 section extension used on 5 section	1173	
45	2 section extension used on 6 section	1174	
46	3 section extension used on 7 section	1218	
47	4 section extension used on 8 section	1219	
	base side panels, L.H.: anthracite, 6B to 10B series smokeless, 7B to 9B series oil, 6B to 9B series stoker, 9B series	20898	
*48	5 section	36-WT-25	
49	6 section	1154	
50	7 section	1155	
51	8 section	1156	
52	9 section	1157	
53	10 section	1158	
54	11 section used on 12, 13, 14, 15 section	1159	
55	1 section extension used on 12 section	1173	
56	2 section extension used on 13 section	1174	
57	3 section extension used on 14 section	1218	
58	4 section extension used on 15 section	1219	
59	rear base panel, upper half	1179	1B to 10B
60	rear base panel, lower half, anthracite, smokeless or oil	1220	6B to 10B

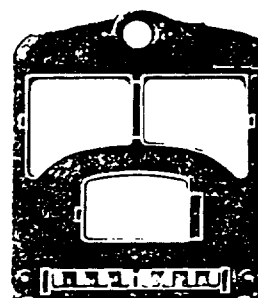
*Not available. Substitute as follows: L.H. Side
1173
1219

R.H. Side
1173
1213

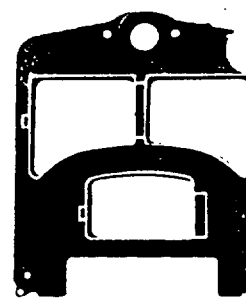
No. 36 water tube boiler steam and water
 (formerly 36" Ideal water tube boiler)
 note: parts used for 1B to 10B inclusive
 where series is not shown

sections

cat. no.	description	part no.	code letter	series no.
500	front — coal, threaded type	4175	A	9B & 10B
501	front — oil, threaded type	4177	AO	9B & 10B
502	front center — small flue, oil	4179	BO	8B to 10B
	front center — small flue, special type "T"			9B & 10B
503	center with regulator tapping — small flue, oil	4181	CTO	8B to 10B
	center with regulator tapping — small flue, special type "T"			9B & 10B
504	center — small flue, oil	4181	CO	8B to 10B
	center — small flue, special type "T"			9B & 10B
506	center connection with two 3½" return tappings — small flue	4184	DO	8B to 10B
507	rear center — small flue, oil	4188	UO	8B to 10B
	rear center — small flue, special type "T"			9B to 10B
508	back — threaded type	4196	H	9B & 10B



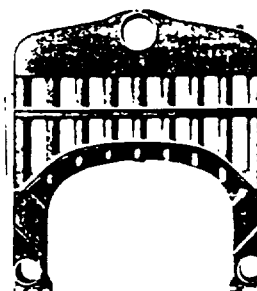
500



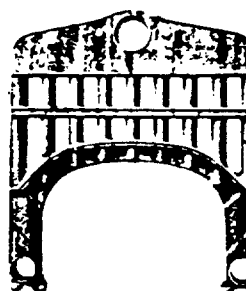
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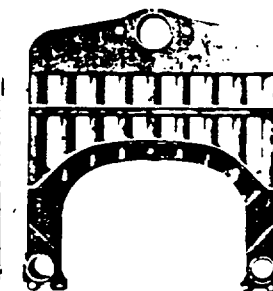
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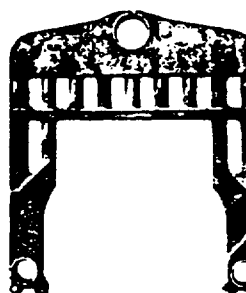
503



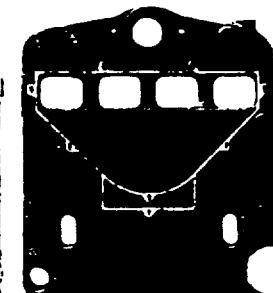
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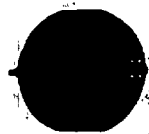
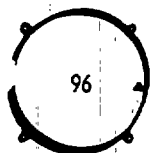
506



507



508



96

97

98



99

100

101



102

103

104

105



106

107

108

109



110 - 111

112

113

No. 36 water tube boiler steam and water

(formerly 36" Ideal water tube boiler)

note: parts used for 1B to 10B inclusive
where series is not shown

cat. no.	description	part no.	series no.
96	smokehood pipe collar	1202	
97	smokehood choke damper	1203	*
98	smokehood damper bearing	1204	*
99	smokehood damper lever	1205	*
100	smokehood cleanout door hinge	1495	
101	smokehood cleanout cover plate	473	9B & 10B
102	smokehood damper bracket	1226	9B & 10B
103	smokehood damper clamp	1928	9B & 10B
smokehood extension parts used on:			
anthracite, 5 to 9B series			
smokeless, 6 to 9B series			
104	check butterfly door frame	1206	
105	check butterfly door, inside half	1207	
106	check butterfly door, outside half	1208	
107	check butterfly door balance weight	3113	
108	coil hole cover	1289	1B to 10B
109	coil hole cover strap	1023	1B to 10B
110	assembling nipple, 6" top	3081	1B to 10B
111	assembling nipple, 4" bottom	3077	1B to 10B
112	hand regulator bracket	1664	1B to 10B
113	hand regulator bracket clamp	1663	1B to 10B

Note: smokehood body casting No. 36-WT-66 used on anthracite 1 to 4B series and smokeless 1 to 5B series is no longer available. Substitute smokehood complete as used on anthracite 10B series boiler.

20900

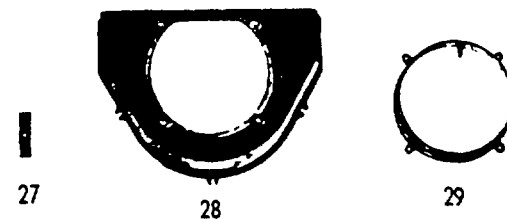
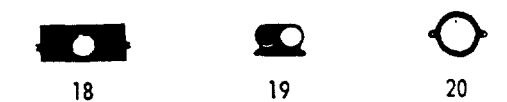
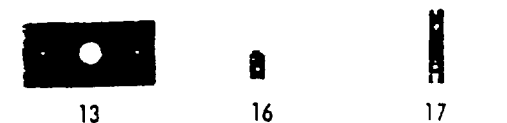
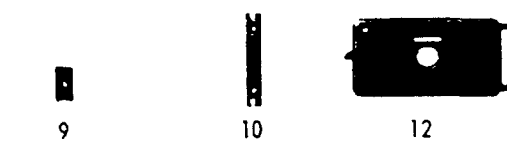
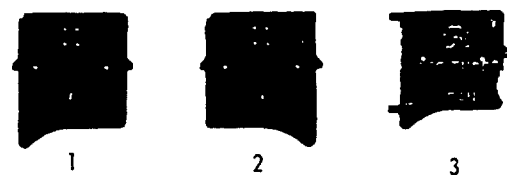
Repair part price for each part number is found at back of book.

cat. no.	description	part no.	series no.
**1	cleanout door L.H.	29-WT-114	10B
***2	cleanout door R.H.	29-WT-115	10B
3	cleanout door L.H.	441	12B
4	cleanout door R.H.	440	12B
5	cleanout door lining L.H.	442	
6	cleanout door lining R.H.	443	
9	cleanout door catch center	986	
10	cleanout door hinge R. or L.	458	12B
*12	service door — includes hinge 1000 and catch 1001 on 10B series	480	
13	service door lining (steel)	—	
16	service door catch	1001	12B
17	service door hinge	1000	12B
18	sight opening slide cover	475	
19	sight opening slide	1471	
20	sight glass retaining ring	1465	
21	sight glass 3" diameter	6280	
22	frame for burner plate	472	
23	front plate	478	
24	rear plate	479	
25	burner opening cover plate	1450	
26	coil opening cover	3040	
27	coil opening cover strap	3041	
28	smokehood	461	
29	smokehood pipe collar	464	
30	smokehood cleanout cover	473	
31	connecting arm slot cover	3014	
32	connecting arm slot cover strap	3015	
33	assembling nipple, 5" top	3079	
34	assembling nipple, 3" bottom	3076	

*service door bearing pat. no. 29-WT-110 not available, use 480 as shown

**Not available, substitute with cat. no. 3, 9 & 10

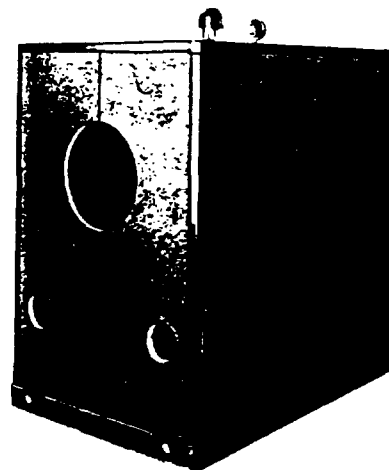
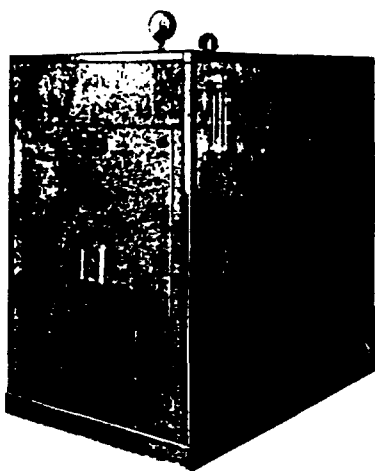
***Not available, substitute with cat. no. 4, 9 & 10





no. 92 Ideal

**oil and stoker
fired boiler
steam and water**



series 10B and 12B

**S or W 92-7 to 92-14 G or R
SC or WC 92-7 to 92-12**

Jacket parts for this boiler are no longer available.

20902

Cast iron repair parts for this boiler will be discontinued Dec. 31, 1978.

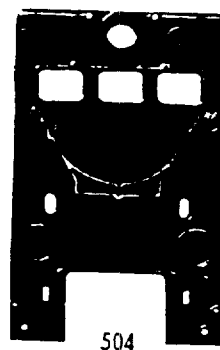
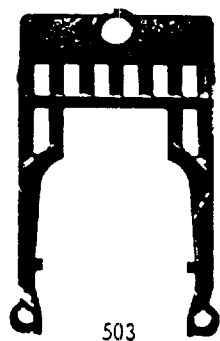
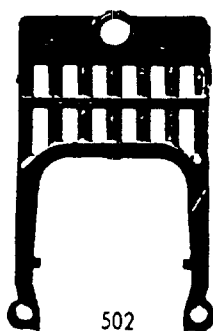
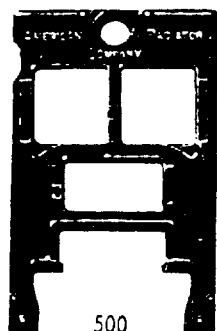
Boiler Assembly, ds

for all coal (hand fired), oil and stoker boilers

description	number of sections																				
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
list prices per set (includes nuts and washers)																					
AP(T)		2.00	2.40	2.80																	
A-3, FRA-3 and PFA-3	2.40	2.90	3.40	3.80	4.20	8.40	9.00	9.80	10.20	10.80	11.40	12.00	12.60	13.20	13.80	14.40	15.00	15.60	16.20		
A-5, FRA-5 and PFA-5		5.80	6.40	7.00	7.80	8.40	9.00	9.80	10.20	10.80	11.40	12.00	12.60	13.20	13.80	14.40	15.00	15.60	16.20		
A-7 & FRA-7			12.20	13.40	14.80	16.00	17.40	18.80	20.00	21.20	22.80	24.00									
Arcoleader	2.40	3.00	3.60	3.80	4.20																
Arcolemer (dry base)	3.60	3.80	4.00	4.20																	
Arcolemer, wide back (wet base)		3.60	3.80	4.00	4.20																
Exbrook					8.40	8.80	9.20	9.80	10.00	10.60	11.20										
Redilash No. 2			6.00	6.60	7.40	8.00	8.60	9.20	10.00	10.60	11.20										
Redilash No. 3				8.40	9.00	9.60	10.40	11.00	11.60	12.20	13.00	13.60									
Redilash No. 4					10.00	11.00	11.80	12.80	13.60	14.60	15.40	16.20									
Redilash No. 5						11.60	13.60	14.60	15.40	16.20	17.20	18.20	19.00	19.80	20.60						
No. 29			8.80	9.40	10.00	10.80	11.40	12.00	12.80	13.40	14.00										
No. 36				9.40	10.00	10.80	11.40	12.00	12.80	13.40											
No. 92					9.40	10.00	11.00	11.60	12.60	13.20	14.00	14.80									
Osikmont	No. 84	No. 85	No. 86	No. 87	No. 88	No. 89															
	6.60	7.00	7.70	8.20	8.80	9.20															
Severn	No. 17	No. 21	No. 25	No. 29	No. 33	No. 37															
	5.50	6.20	6.80	7.40	8.20	8.80															

gas boilers

description	number of sections																		
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
list prices per set (includes nuts and washers)																			
G-2	2.00	2.20	2.40	2.60	3.00	3.20	3.40	3.60	3.80										
G-40	5.00	5.60	6.60	7.20	8.20	8.80	9.40	10.20											
G-10		7.20	7.80	8.60	9.00	9.60	10.20	10.80	11.40	12.00	12.60	13.20	13.80	14.40	15.00	15.60	16.20		
G-4	5.00	5.50	6.00	6.60	7.20	8.20	8.80	9.40	10.20										
G-6 & G-60																			
1-GA standard	2.00	2.20	2.40	2.60	3.00	3.20	3.40	3.60	3.80										
1-GA-E Empire	2.00	2.20	2.40	2.60	3.00	3.20	3.40	3.60	3.80										
2-GA standard	2.20	2.40	2.60	2.80	3.00														
2-GA-E Empire	2.20	2.40	2.60	2.80	3.00														
4-GA Empire																			
1-G standard	5.50	6.00	6.60	7.20	8.20	8.80	9.40	10.20											
1-G-E Empire	5.50	6.00	6.60	7.20	8.20	8.80	9.40	10.20											
4-G standard	7.80	8.60	9.00	9.60	10.20	10.80	11.40	12.00	12.60	13.20	13.80	14.40	15.00	15.60	16.20				
number of sections																			
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
list prices per set (includes nuts and washers)																			
G-2																			
G-40	38.80	39.40	40.00	40.60	41.20	41.80	42.60	43.00	43.60	44.40	45.00	45.60	46.00	46.80					
G-4		39.40	40.00			41.80													
G-6 & G-60																			
1-GA standard																			
1-GA-E Empire																			
2-GA standard																			
2-GA-E Empire																			
4-GA Empire																			
1-G standard																			
1-G-E Empire																			
4-G standard		39.40	40.00			41.80				43.60			45.60		46.80	48.80	50.80		



No. 92 Ideal oil and stoker fired boiler

note: parts are used on 10 and 12B
when series is not shown

sections

cat. no.	description	code letters	part no.
500	front	AO	3948
501	front center	BO	3949
502	center	CO	3950
503	rear center	UO	3951
504	back	H	3952

20904

**Miscellaneous Gas
and Oil Boiler
Repair Parts**

flue brushes

boiler	brush no.	part no.	list price
29, & 36" water tube	2	5516	4.00
A-7, No. 4 & 5 Redflash	3	5517	2.20
Severn	5	5518	2.00
A-3, A-5, Arcoleader, Exbrook, Arcoliner & Oakmont	11	5519	1.80
APR, APH & all gas boilers	4G-3603	5521	2.10

boiler putty

red oxide

	part no.	list price		part no.	list price
½ pint can	7298	\$.80	½ pint can	6948	\$.80
1 pint can	7299	1.60	1 pint can	6949	1.20
1 quart can	7301	2.20			

NOTE: ½ pt. putty is equal to one pound.

boiler assembly accessories

item	part no.	list price	item	part no.	list price
assembly block, 2-D-43	3011	\$2.40	safety nut, ½"	3085	\$.40
assembly block, 3-A-67	3013	1.80	safety nut, ¾"	3086	.40
assembly block, 5"	1382	1.80	safety nut, ¾"	3087	.40
assembly block, 8"	1383	2.40	safety nut, ¾"	3088	.40
assembly block, 10"	3050	2.80	steel nipple setting		
assembly clamp, 9374	3005	2.60	gauge, 3"	21187	.40
assembly clamp, 9375	3006	2.00	4"	56862	.40
assembly clamp jaw, 9587	3007	.40	5"	21187	.40
assembly washer, 48-248	1325	.60	6"	60206	.40
assembly washer, A-5	556	.60	7"	60207	.40
			8½"	94549	.40

Jackets

jacket parts

all boilers

boiler	page
Gas Boilers	190 thru 199
Oil Boilers	200 thru 204

**American Standard
Gas boilers**

**GPM (X)
GPH
G-2 Flush Jacket
G-2 Deluxe Jacket**

	description	GPM(X)-3	GPM(X)-4	GPM(X)-5	GPM(X)-6	GPM(X)-7	GPM(X)-8				
GPM (X) gas boiler all models series 1B-J1	"U" panel assembly	29097	29098	29099	29100						
	side panel, right					29105	29105				
	side panel, left					29107	29107				
	rear panel					29109	29111				
	tie bar	29130	29131	29132	29133	29134	29135				
	upper front panel	29136	29137	29138	29139	29140	29141				
	top panel	29113	29114	29115	29116	29117	29118				
	liner	29148	29149	29150	29151	29152	29153				
	lower front panel	29154	29155	29156	29157	29158	29159				
	description	GPH - 60		GPH - 80		GPH - 60	GPH - 80				
GPH - 60 & 80 series 1B-J1 & 2B-J2		(series 1B-J1)			(series 2B-J2)						
	top panel	24095			27274						
	front panel	24098	24100		24098	24100					
	"U" panel (sides and back)	24185	24186		27284	27286					
	description	GPH - 100	GPH - 135	GPH - 170	GPH - 100	GPH - 135	GPH - 170				
GPH - 100, 135 & 170 series 1B, 2B-J1 and 3B, 4B-J2		(series 1B, 2B-J1)			(series 3B, 4B-J2)						
	top panel	23663			27272						
	front panel	23666	23667	23668	23666	23667	23668				
	left side panel	23669	23670	23671	27334	27335	27336				
	right side panel	23672	23673	23674	23672	23673	23674				
	back panel	23675	23676	23677	23675	23676	23677				
	description	G-23	G-24	G-25	G-26	G-27	G-28	G-29	G-210	G-211	
G-2 gas boiler flush jacket all models series 7B-J6	side panel, right	27002									
	side panel, left	27004									
	back panel	27020	27021	27022	27023	27024	27025	27026	27027	27028	
	front panel	28344	28345	28346	28347	28348	28349	28350	28351	28352	
	top panel	26984	26985	26986	26987	26988	26989	26990	26991	26992	
	top panel space angle	19127									
	screw bag ass'y. (3 thru 7 sect.)	19172									
	screw bag ass'y. (8 thru 11 sect.)	19173									
	radiation shield	19159	19161	19162	19163	19164	19165	19166	19167	19168	
	bottom pan	13263	13265	13267	13269	13271	13273	13275	13277	13279	
		description	G-23	G-24	G-25	G-26	G-27	G-28	G-29	G-210	G-211
	G-2 gas boiler deluxe jacket all models series 6B & 6BN-J5	side panel, right	13333								
side panel, left		13331									
back panel		13245	13247	13249	13251	13253	13255	13257	13259	13261	
upper front panel		21255	13203	13205	13207	13209	13211	13213	13215	13217	
front draft hood panel (baffle)		-	13341	13343	13345	13347	13349	13481	13483	13485	
lower front panel (removable)		21263	13488	13490	13492	13494	13496	13498	13500	13502	
top panel		21252	13637	13639	13641	13643	13645	13647	13649	13651	
front liner assembly (3 sect. only)		21264									
water heater cover pieces, 4 thru											
11 sect.: top piece		-	13161								
L.H. piece		-	23398								
R.H. piece		-	23396								
bottom piece		-	13162								
screw bag ass'y.		21266	19169	19169	19169	19169	19170	19170	19171	19171	
bottom pan		13263	13265	13267	13269	13271	13273	13275	13277	13279	

IMPORTANT NOTE: Order must specify boiler size, series and part no.

**American Standard
Gas boilers**

**G-2 Deluxe Jacket
G-40**

**G-2
gas boiler
deluxe jacket
all models
series 7B-J6**

description	G-23	G-24	G-25	G-26	G-27	G-28	G-29	G-210	G-211
side panel, right	28290								
side panel, left	28288								
back panel	27020	27021	27022	27023	27024	27025	27026	27027	27028
upper front panel	28292	28293	28294	28295	28296	28297	28298	28299	28300
front draftboard panel (baffle)	—	28328	28329	28330	28331	28332	28333	28334	28335
lower front panel (removable)	28279	28280	28281	28282	28283	28284	28285	28286	28287
top panel	28261	28262	28263	28264	28265	28266	28267	28268	28269
front liner assembly (3 sect. only)	26957								
screw bag ass'y	21266	19169	19169	19169	19169	19170	19170	19171	19171
radiation shield	19159	19161	19162	19163	19164	19165	19166	19167	19168
bottom pan	13263	13265	13267	13269	13271	13273	13275	13277	13279

**G-40
American-Standard
gas boiler
series 1B, 1BN & 2B-J1**

description	G-403	G-404	G-405	G-406	G-407	G-408	G-409	G-4010
side panel, right	21162							
side panel, left	21165							
back panel ass'y.	21090	21091	21092	21093	21094	21095	21096	21097
upper front panel ass'y.	20958	20959	20960	20961	20962	20963	20964	20965
front vestibule baffle	21167	21168	21169	21170	21171	21172	21173	21174
down draft baffle (7 & 8 sect. only)	—	—	—	—	21089	21089	—	—
lower front panel (removable)	21048	21049	21050	21051	21052	21053	21054	21055
bottom cross tie piece	21016	21017	21018	21019	21020	21021	21022	21023
top panel ass'y.	26386	26387	26388	26389	26390	26391	26392	26393
front liner ass'y.	21057	21058	21059	21060	21061	21062	21063	21064
screw bag ass'y.	21241	21242	21243	21244	21245	21246	21247	21248
jacket ext.:								
front panel	21933							
rear panel	21934							
top panel	21935							
side panel ass'y.	21941							
cross tie piece	21936							
locking strip	21938							
screw bag ass'y.	21939							

**G-40
gas boiler
series 3B-J2**

description	G-403	G-404	G-405	G-406	G-407	G-408	G-409	G-4010
side panel, right	27848							
side panel, left	27850							
back panel ass'y	27852	27853	27854	27855	27856	27857	27858	27859
upper front panel ass'y	20958	20959	20960	20961	20962	20963	20964	20965
front vestibule baffle	27236	27237	27238	27239	27240	27241	27242	27243
down draft baffle (7 & 8 sect. only)	—	—	—	—	27999	27999	—	—
lower front panel (removable)	27868	27869	27870	27871	27872	27873	27874	27875
top panel ass'y	27176	27177	27178	27179	27180	27181	27182	27183
front liner ass'y	28017	28018	28019	28020	28021	28022	28023	28024
screw bag ass'y	28074	28075	28076	28077	28078	28079	28080	28081

20910

IMPORTANT NOTE: Order must specify boiler size, series and part number.

**American Standard
Gas boilers**

G-105 to G-109

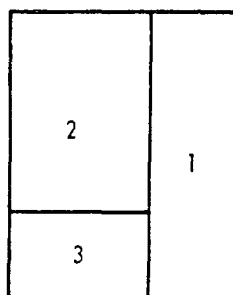
G - 105 to G - 109

gas boiler

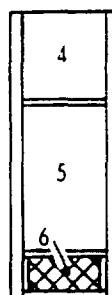
series

1B - J1

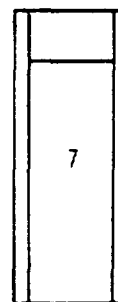
description	code	G-105	G-106	G-107	G-108	G-109
end panel, front, R.	1	27402				
end panel, front, L.	1	27400				
end panel, back, R. upper	2	27410				
end panel, back L. upper	2	27408				
end panel, back, R. lower	3	27406				
end panel, back, L. lower	3	27404				
upper front panel	4	28566	28567	28568	28569	28570
front access panel	5	27454	27455	27456	27457	27458
bottom grill assembly	6	27393	27394	27395	27396	27397
back panel	7	27412	27413	27414	27415	27416
top panel, front		27422	27423	27424	27425	27426
top panel, back, rear flue outlet		27427	27428	27429	27430	27431
top panel, back, top flue outlet		27437	27438	27439	27440	27441
top panel support angle		28652				
inner shield assembly		27616	27617	27618	27619	27620
screw ass'y		28121				



end



front



back

IMPORTANT NOTE: Order must specify boiler size, series and part number.

American Standard Gas boilers

G-1010 to G-1017

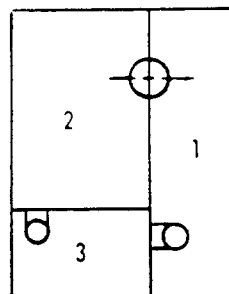
G -1010 to G -1017

gas boiler

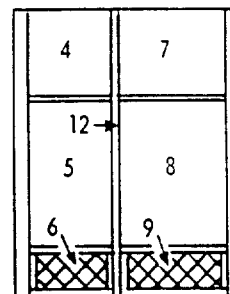
series

1B -J1

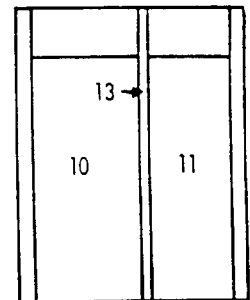
description	code	G-1010	G-1011	G-1012	G-1013	G-1014	G-1015	G-1016	G-1017
end panel, front, R.	1	27402							
end panel, front, L.	1	27400							
end panel, back, R. upper	2	27410							
end panel, back, L. upper	2	27408							
end panel, back, R. lower	3	27406							
end panel, back, L. lower	3	27404							
upper front panel, L.H.	4	28566	28567	28567	28568	28568	28569	28569	28570
upper front panel, R.H.	7	27607	27607	27608	27608	27609	27609	27610	27610
front access panel, L.H.	5	27454	27455	27455	27456	27456	27457	27457	27458
front access panel, R.H.	8	27455	27455	27456	27456	27457	27457	27458	27458
bottom grill assembly, L.H.	6	27393	27394	27394	27395	27395	27396	27396	27397
bottom grill assembly, R. H.	9	27394	27394	27395	27395	27396	27396	27397	27397
back panel	11	27412	27413	27413	27414	27414	27415	27415	27416
back panel	10	27413	27413	27414	27414	27415	27415	27416	27416
top panel, front, R.		27423	27423	27424	27424	27425	27425	27426	27426
top panel, front, L.		27422	27423	27423	27424	27424	27425	27425	27426
top panel back:									
for rear flue outlet, R.H.		27428	27428	27429	27429	27430	27430	27431	27431
for rear flue outlet, L.H.		27427	27428	27428	27429	27429	27430	27430	27431
for top flue outlet, R.H.		27438	27438	27439	27439	27440	27440	27441	27441
for top flue outlet, L.H.		27437	27438	27438	27439	27442	27440	27440	27441
top panel support angle		28652							
intermediate front panel	12	27539							
intermediate top panel		27540							
intermediate back panel	13	27541							
intermediate support brackets:									
front panel		27542							
back panel - upper		27543							
back panel - lower		27544							
inner shield assembly, R.H.		27617	27617	27618	27618	27619	27619	27620	27620
inner shield assembly, L.H.		27616	27617	27617	27618	27618	27619	27619	27620
screw bag assembly		28121							
screw bag assembly (intermediate)		28126							



end



front



back

20912

IMPORTANT NOTE: Order must specify boiler size, series and part number.

American Standard Gas boilers

G-1018 to G-1025

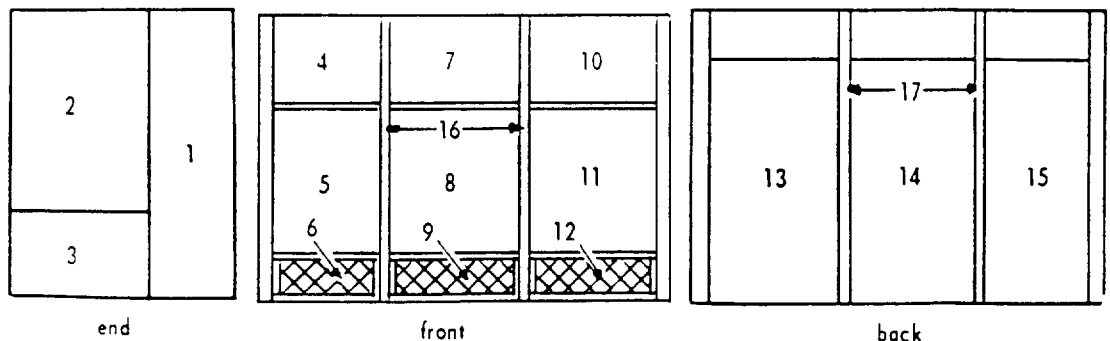
G-1018 to G-1025

gas boiler

series

1B-J1

description	code	G-1018	G-1019	G-1020	G-1021	G-1022	G-1023	G-1024	G-1025
end panel, front, R.	1	27402							
end panel, front, L.	1	27400							
end panel, back, R. upper	2	27410							
end panel, back, L. upper	2	27408							
end panel, back, R. lower	3	27406							
end panel, back L. lower	3	27404							
upper front panel, L.H.	4	28567	28568	28568	28568	28569	28569	28569	28570
upper front panel, center	7	27608	27608	27608	27609	27609	27609	27610	27610
upper front panel, R.H.	10	27608	27608	27609	27609	27609	27610	27610	27610
front access panel, L.H.	5	27455	27456	27456	27456	27457	27457	27457	27458
front access panel, center	8	27456	27456	27456	27457	27457	27457	27458	27458
front access panel, R.H.	11	27456	27456	27457	27457	27457	27458	27458	27458
bottom grill assembly, L.H.	6	27394	27395	27395	27395	27396	27396	27396	27397
bottom grill assembly, center	9	27395	27395	27395	27396	27396	27396	27397	27397
bottom grill assembly, R.H.	12	27395	27395	27396	27396	27396	27397	27397	27397
back panel	15	27413	27414	27414	27414	27415	27415	27415	27416
back panel	14	27414	27414	27414	27415	27415	27415	27416	27416
back panel	13	27414	27414	27415	27415	27415	27416	27416	27416
top panel, front, center		27424	27424	27424	27425	27425	27425	27426	27426
top panel, front, L.		27423	27424	27424	27424	27425	27425	27425	27426
top panel, front, R.		27424	27424	27425	27425	27425	27426	27426	27426
top panels, back.									
for rear flue outlet, center		27429	27429	27429	27430	27430	27430	27431	27431
for rear flue outlet, L.		27428	27429	27429	27429	27430	27430	27430	27431
for rear flue outlet, R.		27429	27429	27430	27430	27430	27431	27431	27431
for top flue outlet, center		27439	27439	27442	27440	27440	27440	27441	27441
for top flue outlet, L.		27438	27439	27442	27442	27440	27440	27440	27441
for top flue outlet, R.		27439	27439	27440	27440	27440	27441	27441	27441
top panel support angle		28652							
intermediate front panel	16	27539							
intermediate top panel		27540							
intermediate rear panel	17	27541							
Intermediate support brackets									
front panel		27542							
back panel upper		27543							
back panel lower		27544							
inner shield assembly center		27618	27618	27618	27619	27619	27619	27620	27620
inner shield assembly, L.H.		27617	27618	27618	27618	27619	27619	27619	27620
inner shield assembly, R.H.		27618	27618	27619	27619	27619	27620	27620	27620
screw bag assembly		28121							
screw bag assembly intermediate		28126							



IMPORTANT NOTE Order must specify boiler size, series and part number.

American Standard Gas boilers

G-1026 to G-1033

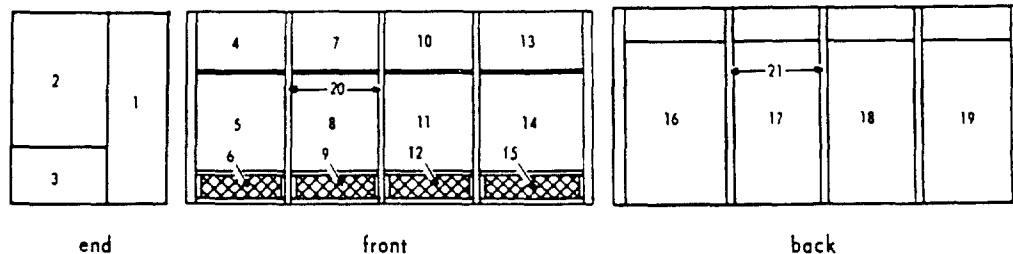
G - 1026 to G - 1033

gas boiler

series

1B - J1

description	code	G-1026	G-1027	G-1028	G-1029	G-1030	G-1031	G-1032	G-1033
end panel, front R.	1	27402							
end panel, front L.	1	27400							
end panel, back R. upper	2	27410							
end panel, back L. upper	2	27408							
end panel, back R. lower	3	27406							
end panel, back, L. lower	3	27404							
upper front panel, L.H.	4	28568	28568	28568	28569	28569	28569	28569	28570
upper front panel, L. center	7	27608	27608	27609	27609	27609	27609	27610	27610
upper front panel, R. center	10	27608	27609	27609	27609	27609	27610	27610	27610
upper front panel, R.H.	13	27609	27609	27609	27609	27610	27610	27610	27610
front access panel, L.H.	5	27456	27456	27456	27457	27457	27457	27457	27458
front access panel, L. center	8	27456	27456	27457	27457	27457	27457	27458	27458
front access panel, R. center	11	27456	27457	27457	27457	27457	27458	27458	27458
front access panel, R.H.	14	27457	27457	27457	27457	27458	27458	27458	27458
bottom grill assembly, L.H.	6	27395	27395	27395	27396	27396	27396	27396	27397
bottom grill assembly, L. center	9	27395	27395	27396	27396	27396	27396	27397	27397
bottom grill assembly, R. center	12	27395	27396	27396	27396	27396	27397	27397	27397
bottom grill assembly, R.H.	15	27396	27396	27396	27396	27397	27397	27397	27397
back panel	19	27414	27414	27415	27415	27415	27415	27416	27416
back panel	18	27414	27414	27415	27415	27415	27415	27416	27416
back panel	17	27414	27415	27415	27415	27415	27416	27416	27416
back panel	16	27415	27415	27415	27415	27416	27416	27416	27416
top panel, front, L.H.		27424	27424	27424	27425	27425	27425	27425	27426
top panel front, L. center		27424	27424	27425	27425	27425	27425	27426	27426
top panel front, R. center		27424	27425	27425	27425	27425	27426	27426	27426
top panel front, R.H.		27425	27425	27425	27425	27426	27426	27426	27426
top panels, back:									
for rear flue outlet, L. center		27429	27429	27430	27430	27430	27430	27431	27431
for rear flue outlet, R. center		27429	27430	27430	27430	27430	27431	27431	27431
for rear flue outlet, L.		27429	27429	27429	27430	27430	27430	27430	27431
for rear flue outlet, R.		27430	27430	27430	27430	27431	27431	27431	27431
for top flue outlet, L. center		27442	27442	27440	27440	27440	27440	27441	27441
for top flue outlet, R. center		27442	27440	27440	27440	27440	27441	27441	27441
for top flue outlet, L.		27442	27442	27442	27440	27440	27440	27440	27441
for top flue outlet, R.		27440	27440	27440	27440	27441	27441	27441	27441
top panel support angle		28652							
intermediate front panel	20	27539							
intermediate top panel		27540							
intermediate rear panel	21	27541							
intermediate support brackets									
front panel		27542							
back panel upper		27543							
back panel lower		27544							
inner shield assembly, L.		27618	27618	27618	27619	27619	27619	27619	27620
inner shield assembly, L. center		27618	27618	27619	27619	27619	27619	27620	27620
inner shield assembly, R. center		27618	27619	27619	27619	27619	27620	27620	27620
inner shield assembly, R.		27619	27619	27619	27619	27620	27620	27620	27620
screw bag assembly (jkt.)		28121							
screw bag assembly (interm. jkt.)		28126							



20914

IMPORTANT NOTE: Order must specify boiler size, series and part number.

American Standard Gas boilers

G-606 to G-6011

G-606 to G-6011

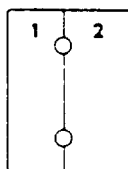
American-Standard

gas boiler

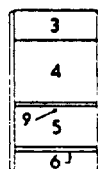
series

1B, 1BN, 2B-J3

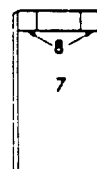
description	code	G-606	G-607	G-608	G-609	G-6010	G-6011
end panel, front, R.	2	99983					
end panel, front, L.	2	99982					
end panel, back, R.	1	97910					
end panel, back, L.	1	97908					
back filler piece	8	95987					
back panel assembly	7	95988	95990	95992	95994	95996	95998
top panel		96000	96002	96004	96006	96008	96010
upper front panel Mark of Merit	3	99879	99881	99883	99885	99887	99889
front cleanout panel (less handles)	4	99892	99894	99896	99898	99900	99902
front access door (less handles)	5	96037	96039	96041	96043	96045	96047
bottom cross tie piece	6	96048	96050	96052	96054	96056	96058
front center tie piece	9	99903	99905	99907	99909	99911	99913
*front liner bottom assembly		20828	20829	20830	20831	20832	20833
*front liner top assembly		20850	20851	20852	20853	20854	20855
*front liner cleanout door		20862	20863	20864	20865	20866	20867
door handles (as req'd.)		96217					
screw bag ass'y. (front liner)		96108					
screw bag ass'y. w/handles		96107					
screw bag ass'y. w/handles		-	-	-	17522	17522	17522



end



front



back

Important Note: Order must specify boiler size and series in addition to part number.

American Standard Gas boilers

G-6013 to G-6021

G-6013 to G-6021

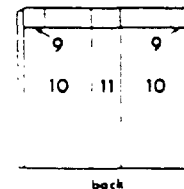
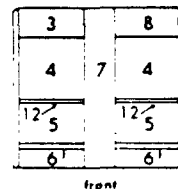
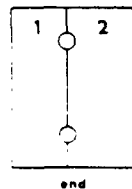
American-Standard

gas boiler

series

1B, 1BN, 2B-J3

description	code	G-6013	G-6015	G-6017	G-6019	G-6021
end panel, front, R.	2	99983				
end panel, front, L.	2	99982				
end panel, back, R.	1	97910				
end panel, back, L.	1	97908				
back filler piece	9	95987				
back panel assembly	10	95988	95990	95992	95994	95996
top panel (2 req'd.)		96000	96002	96004	96006	96008
upper front panel	8	99920	99921	99922	99923	99924
upper front panel w/ Mark of Merit	3	99879	99881	99883	99885	99887
front cleanout panel (less handle)	4	99892	99894	99896	99898	99900
front access door (less handle)	5	96037	96039	96041	96043	96045
bottom cross tie piece	6	96048	96050	96052	96054	96056
front center tie piece	12	99903	99905	99907	99909	99911
intermediate front panel	7	11770				
intermediate front liner spacer (upper)		23196				
intermediate front liner spacer (lower)		23198				
intermediate back panel	11	96098				
intermediate back liner spacer (upper & lower)		23194				
intermediate top panel		96104				
*front liner bottom assembly		20829	20830	20831	20832	20833
*front liner top assembly		20851	20852	20853	20854	20855
*front liner cleanout door		20863	20864	20865	20866	20867
door handles (as req'd.)		96217				
screw bag ass'y. (front liner)		96108				
screw bag ass'y. w/ handle		96109				
screw bag ass'y. w/ handles		96107				
screw bag ass'y. w/ handles (2 req'd.)		-	-	-	17522	17522



20916

IMPORTANT NOTE: Order must specify boiler size, series and part number.

an Standa
s boilers

22 to G-600

can-Standa

is boiler

series

1BN. CE-2

AP(T)
A-3
PFA-3
FR-A-3

Description	opt-95	opt-130	opt-165
Panel	23961	23962	23963
Panel	23951	23952	23953
Panel	23939	23940	23941
Side panel	23957		
Side panel	23959		
Panel spacer	19127		

Description	3	number of sections			
		4	5	6	7
Panel (packaged unit only)	23529				
Panel (except packaged unit)	23527				
Panel	23589				
Panel (packaged unit only)	23510	23512	23514		
Panel (except packaged unit)	23500	23502	23504	23506	23508
Panel, right	23548	23550	23552	23554	23556
Mount door, R.H.	23564	23566	23568	23570	23572
Panel, left	23533	23535	23537	23539	23541
Bag ass'y.	23656	23656	23657	23657	23657
Extension:					
Panel, R.	23597				
Panel, L.	23596				
Panel	23592				
Mount access door, R.H.	11011				
Panel	23594				
Front tie piece	23598				
Bag ass'y.	23658				

Description	PFA-34	PFA-35	PFA-36	PFA-37
Panel	29509	29509	29509	29509
Panel	29513	29514	29515	29516
Panel	29507	29507	29507	29507
Panel left	29499	29500	29501	29502
Panel right	29479	29480	29481	29482
Mount door assembly	29487	29488	29489	29490
Bag assembly	29568	29569	29583	29584
Extension:				
Panel, right	29521	29521	29521	29521
Panel, left	29523	29523	29523	29523
Panel	29525	29525	29525	29525
Front tie assembly	29527	29527	29527	29527
Door assembly	29529	29529	29529	29529
Bag assembly	29571	29571	29571	29571

IMPORTANT NOTE: Order must specify boiler size, series and part number.

American Standard boilers

A-5
PF-A-5
FR-A-5

description	number of sections									
	4	5	6	7	8	9	10	11		
front panel, upper	16092									
front panel, lower	16323									
rear panel	16161									
top panel	16144	16146	16148	16150	16152	16154	16156	16158		
side panel, L.	18468	18469	18470	18471	—	—	—	—	—	
side front panel, L.	—	—	—	—	18476	18477	18478	18479		
side rear panel, L.	—	—	—	—	18484	18485	18486	18487		
side panel, R.	16104	16106	16108	16110	—	—	—	—		
side front panel, R.	—	—	—	—	16128	16130	16132	16134		
side rear panel, R.	—	—	—	—	16136	16138	16140	16142		
cleanout door, L.	16504	16505	16506	16507	16508	16509	16510	16511		
water-heater door, R.	16520	16521	16522	16523	16524	16525	16526	16527		
screw bag ass'y	25785	25786	25787	25788	25789	25789	25789	25790		
jacket extension:										
front door	16211									
top panel	16214									
side panel, L.	16216									
side panel, R.	16217									
bottom tie piece	16213									
screw bag ass'y	25791									

description	number of sections									
	4	5	6	7	8	9	10	11	12	
door front panel ass'y	28830									
lower front panel ass'y	28833									
L.H. side panel	28800	28801	28802	28803	28804	28800	28800	28800	28800	
R.H. side rear panel						28820	28821	28822	28823	
L.H. side panel	28790	28791	28792	28793	28794	28790	28790	28790	28790	
R.H. side rear panel						28812	28813	28814	28815	
door panel ass'y.	28828									
L.H. side panel filler										
piece ass'y.	28810									
R.H. panel ass'y.	28835	28836	28837	28838	28839	28840	28841	28842	28843	
integral panel ass'y.									28882	
panel filler piece ass'y.	28886									
screw bag ass'y.	29060	29060	29061	29061	29061	29062	29238	29238	29238	
jacket extension										
front door ass'y.	28895									
bottom front tie ass'y.	28894									
top panel ass'y.	28891									
L.H. side panel ass'y.	28889									
R.H. side panel ass'y.	28887									
screw bag ass'y.	29071									
snopy bracket	29016									
snopy & c/o-rad. shield										
screw bag ass'y.	29066	29066	29066	29066	29067	29067	29068	29068	29243	

20919

IMPORTANT NOTE: Order must specify boiler size, series and part number.

**American Standard
boilers**

**PF-A-5
A-7
FR-A-7**

PF-A-513 thru 521

pressure fired

(continued)

description	number of section								
	13	14	15	16	17	18	19	20	21
upper front panel ass'y.									
lower front panel ass'y.									
L.H. side front panel	28804	28804	28804	28804	28800	28800	28802	28802	28802
L.H. side rear panel	28820	28821	28822	28823	28820	28821	28820	28821	28822
R.H. side front panel					28823	28823	28823	28823	28823
R.H. side rear panel	28794	28794	28794	28794	28790	28790	28792	28792	28792
	28794								
R.H. side integral panel ass'y.	28812	28813	28814	28815	28812	28813	28812	28813	28814
					28815	28815	28815	28815	28815
rear panel ass'y.	28828								
L.H. side panel filler piece ass'y.	28810								
top panel ass'y.	28844	28845	28846	28847	28848	28849	28850	28851	28852
top integral panel ass'y.	28882	28882	28882	28883	28883	28883	28883	28883	28883
top panel filler piece ass'y.	28886								
screw bag ass'y.	29238	29239	29239	29239	29239	29240	29240	29240	29240
jacket extension:									
front door ass'y.	28895								
bottom front tie ass'y.	28894								
top panel ass'y.	28891								
L.H. side panel ass'y.	28889								
R.H. side panel ass'y.	28887								
screw bag ass'y.	29071								
canopy bracket	29016								
canopy & c/o-rad. shield screw bag ass'y.	29244	29244	29245	29245	29246	29246	29247	29247	29248

**A7 & FR-A7
all fuels boiler**

series

2B-J2

description	number of sections							
	5	6	7	8	9	10	11	12
basic jacket parts:								
front panel, upper	99451							
front panel lower, R.	99455							
front panel lower, L.	99454							
side panel, front, R.	99458							
side panel, front, L.	99456							
side panel, rear, R.	99460							
side panel, rear, L.	99460							
back panel, R.	99464							
back panel, L.	99462							
top panel, front, R.	99468							
top panel, front, L.	99466							
top panel, rear, R.	99470							
top panel, rear, L.	99472							
screw bag ass'y.	99560							
intermediate jacket parts:								
top panel, R.		99504	99508	99512	99516	99520	99524	99528
top panel, L.		99502	99506	99510	99514	99518	99522	99526
side panel, R.		99476	99480	99484	99488	99492	99496	99500
side panel, L.		99474	99478	99482	99486	99490	99494	99498
screw bag ass'y.		99561						

IMPORTANT NOTE: Order must specify boiler size, series and part number.

20920

**American Standard
boilers**

**APR Oil boiler
APH Oil boiler
Severn
Exbrook**

**APR oil boiler
series
1B-J1**

description	apr-72	apr-90
top panel	22503	
front panel	22506	22510
rear panel	22513	22517
bottom pan	22521	
filler piece	22501	

**APH oil boiler
series
1B-J2, J3**

description	aph-115	aph-150 series 1B-J2	aph-185	aph-115	aph-150 series 2B-J3	aph-185
top panel	23723			27276		
front panel	23832	23833	23834	23832	23833	23834
left side panel	23859	23860	23861	27288	27289	27290
right side panel	23850	23851	23852	23850	23851	23852
back panel	23841	23842	23843	23841	23842	23843
bottom pan	23763			23763		

**Severn boiler
oil, stoker, coal
(hand fired)
series
1B-J2**

description	no. 17	no. 21	no. 25	no. 29	no. 33	no. 37
front panel	75806					
back panel, R.	75816					
back panel, L.	75818					
back panel, lower center	75820					
side panel, R.	92194	92198	92202	92206	92210	92214
side panel, L.	92195	92199	92203	92207	92211	92215
top panel, R.	92196	92200	92204	92208	92212	92216
top panel, L.	92197	92201	92205	92209	92213	92217
cover plate - gauge glass	75345					
screw bag ass'y.	83118					

**Exbrook boiler
oil, stoker
series
1B-J3**

description	no. 207	no. 208	no. 209	no. 2010	no. 2011	no. 2012	no. 2013
front panel	92424						
back panel, R.	78090						
back panel, L.	77744						
side panel, R.	92384	92386	-	-	-	-	-
front side panel, R.	-	-	92388	92392	92396	92400	92404
rear side panel, R.	-	-	92389	92393	92397	92401	92405
side panel, L.	92385	92387	-	-	-	-	-
front side panel, L.	-	-	92390	92394	92398	92402	92406
rear side panel, L.	-	-	92391	92395	92399	92403	92407
top panel, R.	92427	92429	92431	92433	92435	92437	92439
top panel, L.	92428	92430	92432	92434	92436	92438	92440
blow off plate assembly	54464						
screw bag ass'y.	80370	80370	80371	80371	80371	80371	80371

20921

IMPORTANT NOTE: Order must specify boiler size, series and part no.

**American Standard
boilers**

**No. 2 Redflash
No. 3 Redflash**

no. 2 Redflash boiler

series

13B-J14

14B-J14 (11 section only)

description	number of sections						
	6	7	8	9	10	11	12
front panel	92424						
back panel, R.	78090						
back panel, L.	77744						
side panel, R.	92382	92384	92386	-	-	-	-
side panel, L.	92383	92385	92387	-	-	-	-
front side panel, R.	-	-	-	92388	92392	92396	92400
front side panel, L.	-	-	-	92390	92394	92398	92402
rear side panel, R.	-	-	-	92389	92393	92397	92401
rear side panel, L.	-	-	-	92391	92395	92399	92403
top panel, R.	92425	92427	92429	92431	92433	92435	92437
top panel, L.	92426	92428	92430	92432	92434	92436	92438
blow-off plate assembly	54464						
screw bag ass'y.	80370	80370	80370	80371	80371	80371	80371

no. 3 Redflash boiler

series

12B-J13

description	number of sections								
	6	7	8	9	10	11	12	13	14
front panel, R.	78206								
front panel, L.	81623								
back panel, R.	81464								
back panel, L.	81465								
top panel, R.	78210	78212	78214	78216	78218	78220	-	-	-
top panel, L.	78211	78213	78215	78217	78219	78221	-	-	-
top panel, front, R.	-	-	-	-	-	-	78222	78226	78228
top panel, front, L.	-	-	-	-	-	-	78224	78227	78230
top panel, rear, R.	-	-	-	-	-	-	78223	78223	78229
top panel, rear, L.	-	-	-	-	-	-	78225	78225	78231
side panel, R.	78232	78233	-	-	-	-	-	-	-
side panel, L.	78234	78235	-	-	-	-	-	-	-
side panel, front, R.	-	-	81492	81496	81500	81504	81504	81510	81492
side panel, front, L.	-	-	81494	81498	81502	81506	81506	81511	81494
side panel, rear, R.	-	-	81493	81497	81501	81505	81508	81508	81494
side panel, rear, L.	-	-	81495	81499	81503	81507	81509	81509	81512
side panel, center, R.	-	-	-	-	-	-	-	-	81513
side panel, center, L.	-	-	-	-	-	-	-	-	81514
blow-off plate	54464								
screw bag ass'y.	81318	81318	81319	81319	81319	81319	81320	81320	81321

IMPORTANT NOTE: Order must specify boiler size, series and part number.

20922

ADDENDUM

Parts & List Prices

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
20863	8.20	23843	13.00	27454	7.60	81494	29.60	96043	11.80
20864	9.20	23850	12.60	27455	8.80	81504	50.80	96045	12.80
20865	10.20	23851	13.20	27456	10.80	81506	50.80	96048	4.80
20866	11.20	23852	13.80	27457	12.80	81508	66.40	96050	5.00
20867	12.20	24098	3.60	27458	14.00	81509	66.40	96052	5.20
20958	3.40	24100	3.80	27539	2.80	82752	.40	96054	5.40
20959	3.60	25789	1.60	27540	2.20	82980	.40	96056	5.60
20960	4.00	27020	3.00	27541	2.20	83303	.40	96098	8.60
20961	4.40	27021	4.20	27542	.80	87449	.40	96104	7.20
20962	4.80	27022	4.60	27543	.80	92384	38.00	96107	3.80
20963	5.40	27023	5.60	27544	.80	92385	38.00	96108	2.60
20964	5.80	27024	6.00	27607	4.80	92386	40.00	96109	4.00
20965	6.00	27025	6.80	27608	6.20	92387	40.00	96113	27.00
21089	4.00	27026	7.20	27609	7.00	92388	25.00	96114	30.00
21187	.40	27027	9.40	27610	7.60	92389	25.00	96115	33.00
21188	1.80	27028	10.00	27616	5.60	92390	25.00	96116	36.00
21189	2.00	27296	26.20	27617	6.60	92391	25.00	96117	39.00
21190	2.20	27297	33.20	27618	8.60	92392	28.00	96118	42.00
21191	2.40	27298	37.20	27619	9.60	92393	28.00	96161	1.20
21192	2.60	27299	41.00	27620	10.60	92394	28.00	96217	1.20
21193	2.80	27300	46.00	27659	8.60	92395	29.00	96349	.40
21194	3.60	27301	48.80	27660	9.20	92396	31.00	97121	2.20
21195	3.60	27302	50.80	27661	.40	92397	31.00	97123	2.40
21266	.60	27384	4.80	27662	.60	92398	31.00	97574	31.00
22453	1.00	27393	8.20	27999	4.00	92399	31.00	97575	34.00
22482	2.40	27394	9.20	28121	1.00	92400	32.20	97576	37.00
22493	6.00	27395	9.60	28126	1.00	92401	33.20	97577	40.00
22614	4.80	27396	10.40	28362	8.20	92402	33.20	97578	43.00
22636	1.00	27397	11.40	28566	6.20	92403	33.20	97579	46.00
22639	.40	27400	13.40	28567	6.80	92424	45.00	97908	25.00
23194	5.60	27402	13.40	28568	8.20	92427	15.20	97910	25.00
23196	4.00	27404	10.00	28569	8.80	92428	15.20	99460	26.60
23198	4.00	27406	10.00	28570	9.60	92429	17.60	99879	6.40
23295	.40	27408	17.80	28652	.40	92430	17.60	99881	7.40
23472	.40	27410	17.80	28728	5.60	92431	20.00	99893	8.40
23656	1.60	27412	9.40	29105	5.80	92432	20.00	99885	9.40
23657	1.80	27413	11.20	29107	6.80	92433	22.40	99887	10.40
23666	3.80	27414	14.60	29507	10.00	92434	22.40	99892	9.60
23667	4.00	27415	17.60	29509	12.80	92435	24.80	99894	10.60
23668	4.20	27416	19.80	54294	3.60	92436	24.80	99896	11.60
23669	3.60	27422	2.80	54464	.60	92437	27.20	99898	12.60
23670	4.00	27423	3.00	61593	2.60	92438	27.20	99900	13.60
23671	4.40	27424	3.40	75714	1.40	95987	1.80	99903	5.40
23672	4.00	27425	3.60	76450	2.20	95988	17.80	99905	5.60
23673	4.40	27426	4.00	77744	22.80	95990	18.80	99907	5.80
23674	4.60	27427	7.40	77965	1.20	95992	20.80	99909	6.00
23675	3.20	27428	8.40	78090	22.80	95994	23.80	99911	6.20
23676	3.60	27429	9.60	78223	17.20	95996	26.80	99921	6.60
23677	3.80	27430	12.40	78225	17.20	96000	16.00	99922	7.60
23683	1.80	27431	13.60	79846	1.20	96002	19.00	99923	8.60
23763	10.00	27437	7.40	80370	1.20	96004	22.00	99924	9.60
23832	13.20	27438	8.60	80371	2.20	96006	25.00	99982	25.00
23833	13.80	27439	9.80	81318	1.80	96008	28.00	99983	25.00
23834	14.20	27440	12.60	81319	2.00	96037	8.80	961610	.60
23841	12.00	27441	13.80	81320	2.00	96039	9.80	961610	.60
23842	12.40	27442	11.40	81492	29.60	96041	10.80		

ADDENDUM

Parts & List Prices

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
116	22.20	510	46.80	2301	2.60	3084	3.20	6781	1.20
117	36.00	512	21.00	2303	24.80	3911	124.00	6829	5.80
118	39.00	513	31.80	2501	10.40	3912	100.00	6977	9.80
119	42.00	524	4.20	2502	10.40	3913	102.00	7076	14.60
120	45.00	525	4.80	2512	2.40	3915	142.00	7282	1.20
121	48.00	600	.80	2515	10.40	3938	342.00	7416	.20
156	2.60	601	1.40	2516	10.40	3948	535.00	7417	.20
164	3.20	705	.80	2517	10.40	3949	460.00	7613	.80
170	.80	712	.80	2519	1.00	3950	450.00	7614	.80
180	13.40	724	2.40	2663	2.00	3951	430.00	7617	.80
181	10.00	738	3.00	2670	11.80	3952	647.00	7618	.80
186	.80	740	.80	2675	1.00	3991	80.00	7777	1.40
187	1.00	771	.80	2676	53.00	4015	110.00	7823	.80
202	14.00	772	.80	2800	5.60	4016	85.00	7825	.60
203	6.00	773	.80	2804	11.80	4037	1.00	7830	1.20
206	14.00	774	.80	2805	11.80	4040	1.00	7858	2.00
209	5.60	776	.80	2806	11.80	4179	560.00	9113	5.00
210	11.60	777	30.40	2807	14.20	4181	560.00	9144	.60
211	8.00	800	5.60	2808	14.20	4530	217.00	9166	66.80
222	1.00	801	4.60	2809	14.20	4531	167.00	9167	70.40
251	9.00	802	14.00	2810	17.20	4533	516.00	9168	74.40
260	6.80	803	6.60	2811	17.20	4534	220.00	9169	78.60
267	3.80	863	.80	2812	17.20	4703	86.00	9186	70.40
273	40.00	864	1.80	2816	5.80	4704	64.00	9187	74.40
274	42.00	865	27.80	2818	6.60	5105	2.80	9188	78.60
275	44.00	875	3.00	2820	7.20	5106	3.40	11770	7.40
277	18.40	876	3.00	2863	5.80	5519	1.80	13171	.40
278	19.40	877	41.00	2864	5.80	5639	.40	13224	4.40
279	21.40	878	42.00	2865	17.20	5646	.40	13226	4.80
280	23.00	879	40.80	2867	11.80	5720	2.00	13228	5.40
282	.80	881	16.00	2869	14.20	5727	.60	13624	6.40
283	46.00	883	7.00	2912	3.40	5728	.40	13625	6.80
284	48.00	986	4.00	2913	4.20	5729	.60	13626	8.00
291	4.80	1000	3.80	2914	10.40	5733	.40	13627	12.00
295	10.20	1001	1.80	2920	10.40	5734	.40	14575	.40
296	18.40	1019	4.20	2921	8.20	5735	.40	14576	.40
297	13.80	1023	.80	2922	10.40	5736	.40	14577	.60
298	8.60	1154	10.00	2923	10.40	5737	.60	14711	33.40
299	8.80	1155	20.00	2926	4.00	5841	2.00	14712	30.80
310	46.60	1156	100.00	2927	4.60	5950	1.20	14713	33.60
335	1.60	1157	140.00	2928	5.20	5957	6.40	16218	18.20
336	1.60	1158	165.00	2929	5.80	5958	8.20	17522	3.80
338	2.20	1159	195.00	2930	6.40	5960	8.80	19127	1.80
384	1.80	1171	1.80	2931	7.00	5961	13.60	19159	.60
387	1.80	1173	26.00	2933	2.40	5962	18.20	19161	.60
392	17.80	1174	49.80	2935	1.00	6191	.40	19162	.80
393	1.20	1191	1.80	2952	39.00	6210	1.00	19163	.80
401	.80	1204	2.00	2953	40.00	6212	.40	19164	1.00
404	.80	1205	1.00	2954	41.00	6230	.40	19165	1.00
438	30.00	1218	54.80	2955	44.00	6232	.40	19166	1.20
439	24.20	1219	61.00	2956	45.60	6279	6.40	19167	1.40
440	35.00	1226	4.80	2957	50.00	6280	1.80	19168	1.40
441	35.00	1426	.80	2977	2.40	6364	4.20	19169	.60
442	25.00	1450	5.20	3014	.80	6368	2.80	19170	.80
443	25.00	1465	1.00	3015	.80	6450	2.00	19171	.80
453	.80	1471	3.40	3040	1.00	6454	3.80	20829	8.80
458	7.60	1582	3.60	3041	1.00	6456	1.40	20830	9.20
461	86.20	1615	.80	3048	10.80	6467	7.60	20831	9.60
464	29.80	1645	1.80	3073	1.60	6469	6.00	20832	10.00
472	43.20	1663	1.40	3075	1.60	6470	19.00	20833	10.40
473	10.40	1664	3.40	3076	1.80	6500	1.40	20851	9.80
475	7.60	1791	.80	3077	2.00	6502	2.40	20852	10.40
478	13.80	1928	.80	3079	2.40	6504	1.40	20853	11.00
479	10.80	1995	.80	3081	2.60	6533	5.80	20854	11.60
480	27.00	2300	2.40	3082	2.80	6629	6.80	20855	12.20

Repair Parts—List Prices

current & obsolete boilers

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
100	43.80	183	10.00	301	18.20	383	28.00	503	17.00
101	28.00	184	2.20	302	4.00	385	19.60	504	17.80
102	2.00	185	19.40	303	46.60	386	19.60	505	18.00
103	40.80	188	1.00	304	12.40	388	21.60	508	19.00
104	9.80	189	3.00	305	2.80	389	14.40	509	20.00
105	10.80	190	21.60	306	3.80	390	10.80	511	19.00
106	11.80	191	1.60	307	2.80	391	.80	514	57.40
107	12.80	192	1.00	308	1.00	394	21.00	515	16.80
108	13.80	193	8.80	309	2.40	395	31.00	516	15.80
109	14.80	194	3.40	311	2.80	396	44.00	517	16.40
110	9.80	195	1.80	315	8.00	397	9.40	518	16.60
111	10.80	196	8.00	316	10.20	398	34.20	519	7.40
112	11.80	197	10.00	317	10.20	399	3.80	520	29.00
113	12.80	198	11.60	318	12.20	400	25.60	521	18.40
114	13.80	199	3.60	319	12.80	402	24.00	522	21.40
115	14.80	200	12.00	320	8.00	403	24.00	523	5.20
122	25.00	201	21.00	322	6.80	405	26.00	526	18.20
123	36.00	204	16.00	325	69.00	420	52.00	527	.80
124	39.00	205	5.00	330	15.40	421	9.00	528	36.80
125	42.00	207	7.80	331	7.80	422	17.00	529	22.20
126	45.00	208	11.40	332	51.00	423	15.20	530	19.80
127	48.00	213	34.00	333	40.00	424	2.60	531	18.40
128	.80	220	4.60	337	1.80	425	9.60	532	25.40
129	3.20	221	33.00	340	20.00	426	7.80	534	40.00
130	.80	224	5.40	341	19.80	427	8.80	535	28.00
131	32.60	226	1.00	342	22.40	428	10.60	536	*
132	2.60	227	3.80	343	10.60	430	7.00	537	*
133	9.00	233	28.80	344	12.80	431	8.00	551	21.40
134	3.60	234	18.00	345	12.80	432	0.00	552	1.80
135	4.20	235	20.00	346	15.80	433	7.00	553	2.20
136	6.20	236	22.00	347	18.20	434	10.00	554	6.00
137	8.20	237	24.00	348	19.80	435	7.80	555	4.00
138	8.40	238	11.80	349	13.80	436	8.80	556	.60
139	9.40	240	1.00	350	3.80	437	9.60	650	14.40
140	37.80	241	20.20	351	1.80	445	21.20	704	2.20
141	38.80	242	21.40	352	3.80	446	2.00	707	1.00
142	39.80	243	4.80	353	4.80	448	2.00	741	.80
143	41.80	244	29.20	354	2.60	455	1.80	748	2.00
144	43.80	245	9.00	355	4.00	462	2.20	749	.80
145	45.80	250	36.20	356	5.00	463	1.20	750	2.80
147	.80	252	8.00	357	1.00	465	6.80	751	.80
148	10.80	253	18.80	358	136.00	466	2.40	752	.80
149	47.40	254	15.80	359	16.20	467	2.20	754	14.80
150	23.00	255	19.00	361	2.20	468	2.40	755	2.80
151	21.00	256	9.40	362	12.80	469	1.80	756	1.60
152	3.60	261	7.80	363	44.40	470	1.80	757	3.20
153	2.40	262	6.60	364	50.00	471	29.40	759	1.20
154	5.80	263	9.00	365	56.00	474	1.60	764	9.40
155	2.60	265	4.60	366	63.00	482	60.00	770	3.80
157	3.60	268	74.80	367	66.00	483	60.00	779	85.00
158	3.40	269	9.80	368	44.40	484	68.00	782	25.00
159	1.80	270	2.20	369	50.00	485	68.00	783	29.00
160	1.60	271	1.60	370	58.00	490	14.00	784	33.00
161	42.60	272	20.00	371	65.00	491	18.00	785	37.00
162	25.00	276	1.80	372	69.00	492	17.00	786	21.00
163	9.60	285	6.00	373	42.00	493	17.80	787	25.00
165	19.00	286	6.60	374	21.00	494	18.00	788	29.00
166	13.20	287	9.00	375	21.00	495	15.00	789	33.00
167	9.60	288	11.20	376	26.40	496	17.00	790	37.00
168	17.80	289	13.20	377	30.40	497	19.00	791	25.00
169	19.80	290	12.80	378	17.00	498	13.00	792	29.00
171	27.80	292	4.40	379	19.00	499	15.00	793	33.00
173	11.60	293	7.00	380	18.80	500	17.00	794	37.00
174	8.40	294	8.00	381	21.80	501	19.00	795	21.00
182	13.80	300	9.80	382	23.00	502	13.00	796	25.00

*Price on application

20926

Repair Parts—List Prices

All Boilers

20927

Repair Parts—List Prices

current & obsolete boilers

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
2936	4.40	3933	318.00	4154	541.00	5169	.80	6589	*
2937	4.40	3934	244.00	4155	592.00	5181	.20	6606	*
2938	1.00	3935	229.00	4157	536.00	5182	.20	6627	7.00
2951	1.80	3936	244.00	4159	531.00	5183	.40	6628	4.60
2958	6.00	3937	241.00	4161	500.00	5184	.40	6676	5.60
2959	6.60	3939	381.00	4162	814.00	5187	2.00	6679	6.20
2960	7.00	3940	381.00	4163	825.00	5188	2.00	6681	7.20
2961	7.60	3941	253.00	4175	576.00	5189	2.00	6683	9.00
2962	8.40	3942	250.00	4177	576.00	5399	7.80	6684	11.80
2963	9.20	3943	253.00	4184	560.00	5400	7.80	6685	5.80
2976	2.00	3944	249.00	4188	560.00	5401	7.80	6686	5.40
2979	2.00	3945	252.00	4196	697.00	5402	7.80	6730	3.80
2980	5.60	3946	385.00	4382	47.00	5403	7.80	6731	4.80
2981	5.60	3947	530.00	4383	47.00	5435	2.80	6732	4.80
2982	5.60	3953	460.00	4384	47.00	5437	7.80	6734	5.00
2983	5.60	3954	276.00	4385	39.00	5438	7.80	6735	5.20
3005	2.60	3955	282.00	4386	55.00	5439	7.80	6788	1.00
3006	2.00	3956	285.00	4387	55.00	5441	1.40	6789	*
3007	.40	3957	276.00	4388	55.00	5448	3.00	6826	.40
3010	3.00	3958	279.00	4389	55.00	5516	4.00	6884	23.00
3011	2.40	3959	482.00	4390	55.00	5517	2.20	6885	28.00
3012	3.80	3970	221.00	4391	55.00	5518	2.00	6886	29.00
3013	1.80	3971	156.00	4392	99.00	5521	2.40	6887	33.00
3023	4.80	3972	153.00	4393	83.00	5590	7.80	6888	35.00
3025	1.00	3973	244.00	4394	105.00	5592	20.80	6889	54.00
3030	.80	3990	132.00	4443	47.00	5593	22.80	6890	57.00
3049	1.00	3992	126.00	4494	54.00	5594	26.80	6891	63.00
3050	2.80	3993	132.00	4495	39.00	5663	*	6892	69.00
3072	1.80	3995	126.00	4500	47.00	5680	*	6893	72.00
3078	1.60	4009	120.00	4501	39.00	5690	*	6894	78.00
3085	.40	4010	116.00	4502	55.00	5695	*	6895	87.00
3086	.40	4011	79.00	4503	55.00	5699	*	6948	.80
3087	.40	4012	106.00	4514	146.00	5701	*	6949	1.20
3088	.40	4013	109.00	4515	119.00	5703	*	6960	*
3101	3.00	4014	114.00	4516	150.00	5725	1.00	6963	*
3113	1.80	4017	118.00	4550	240.00	5726	1.40	6968	*
3358	3.60	4026	6.60	4551	219.00	5780	*	6970	*
3900	141.00	4027	*	4552	224.00	5901	3.20	6971	*
3901	116.00	4028	*	4553	232.00	5947	*	6972	6.60
3902	120.00	4029	*	4554	240.00	5955	11.80	6973	*
3903	137.00	4031	236.00	4700	94.00	5956	12.60	6985	*
3904	95.00	4032	158.00	4701	75.00	6103	1.00	6987	*
3905	161.00	4033	164.00	4705	86.00	6198	2.80	6990	*
3906	124.00	4034	158.00	4707	147.00	6199	2.60	6991	*
3907	101.00	4035	270.00	4710	307.00	6200	1.80	7037	*
3908	104.00	4042	16.00	4712	227.00	6201	1.80	7038	*
3909	103.00	4044	10.60	4715	307.00	6202	5.40	7039	*
3910	142.00	4046	4.00	4717	535.00	6211	1.00	7287	*
3914	151.00	4060	28.40	4718	290.00	6297	*	7298	.80
3916	117.00	4061	21.00	4719	715.00	6298	*	7299	1.60
3917	97.00	4133	331.00	4721	535.00	6455	1.40	7301	2.20
3918	112.00	4134	260.00	5005	*	6472	6.20	7603	*
3920	131.00	4137	306.00	5041	18.00	6473	7.20	7622	2.60
3921	110.00	4138	295.00	5042	18.00	6474	8.20	7623	2.60
3922	122.00	4140	596.00	5043	18.00	6475	2.40	7634	*
3923	94.00	4141	590.00	5044	18.00	6476	3.60	7637	*
3924	178.00	4142	574.00	5045	5.60	6477	4.00	7646	*
3925	254.00	4143	343.00	5046	6.20	6478	2.00	7647	*
3926	321.00	4144	375.00	5070	81.60	6479	2.00	7659	*
3927	248.00	4146	500.00	5071	96.00	6480	2.20	7824	.80
3928	236.00	4148	500.00	5077	10.40	6481	2.80	7863	*
3929	265.00	4149	590.00	5095	.40	6486	1.00	7893	*
3930	249.00	4151	837.00	5099	.20	6490	1.80	8545	*
3931	248.00	4152	752.00	5100	.20	6492	4.40	8553	*
3932	255.00	4153	500.00	5168	.60	6499	1.00	9001	73.00

* Price on application

Repair Parts—List Prices

current & obsolete boilers

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
797	29.00	938	180.00	1211	6.80	2596	14.40	2689	4.60
798	33.00	939	6.60	1212	10.80	2598	29.00	2690	6.80
799	37.00	940	3.00	1213	61.00	2599	14.00	2691	7.40
804	230.00	941	.80	1216	38.80	2600	3.60	2692	7.80
805	24.00	942	68.00	1217	22.40	2601	4.00	2693	10.80
806	5.80	943	57.40	1220	90.00	2602	4.40	2694	13.80
860	6.80	944	45.00	1222	6.60	2603	5.40	2695	15.80
861	13.00	945	37.00	1223	55.00	2604	6.60	2696	4.80
862	24.00	946	49.00	1224	32.00	2605	7.60	2697	4.80
866	57.00	947	34.00	1234	1.00	2606	8.00	2698	3.80
867	56.00	948	60.00	1261	.80	2607	8.20	2700	33.00
868	57.00	949	9.80	1262	1.80	2608	21.00	2701	14.00
869	77.00	950	180.00	1289	1.00	2609	24.00	2702	1.60
870	98.00	951	180.00	1292	21.40	2610	27.00	2703	2.40
871	106.00	953	34.00	1296	.80	2611	30.00	2801	3.80
872	81.00	963	3.80	1325	.60	2612	33.00	2802	3.80
873	80.00	1130	3.00	1382	1.80	2613	36.00	2813	20.20
874	80.00	1131	83.00	1383	2.40	2614	26.60	2814	20.20
880	40.80	1134	8.50	1390	11.80	2615	27.60	2815	20.20
882	51.00	1135	8.50	1391	10.00	2616	20.80	2817	5.80
884	48.00	1136	11.50	1392	1.80	2617	22.80	2819	6.60
885	114.00	1137	24.60	1425	13.80	2618	34.60	2821	7.20
886	100.00	1138	22.60	1427	.80	2619	36.00	2822	7.80
887	100.00	1139	11.50	1432	11.80	2620	36.60	2823	7.80
888	30.00	1140	14.50	1433	1.00	2621	27.40	2824	1.00
889	65.00	1141	27.60	1436	11.60	2622	28.40	2825	2.80
890	65.80	1142	26.00	1437	9.80	2623	30.60	2826	2.60
900	69.00	1143	14.50	1440	4.80	2624	19.80	2827	4.80
901	69.00	1144	17.00	1445	.80	2625	19.80	2829	3.80
902	60.00	1145	33.40	1767	10.80	2627	2.00	2830	5.60
903	138.00	1146	30.20	1847	.80	2628	10.00	2831	6.40
904	2.80	1147	17.00	1993	1.40	2630	19.80	2832	6.80
905	2.80	1148	19.40	1994	1.40	2650	39.00	2833	6.00
906	5.80	1149	40.60	2302	24.80	2651	40.00	2850	5.60
907	.80	1150	58.00	2308	24.80	2652	41.00	2851	3.80
908	45.60	1151	55.60	2310	24.80	2653	44.00	2852	3.80
909	68.00	1152	58.60	2503	5.80	2654	45.60	2856	2.80
910	60.00	1153	5.00	2504	6.00	2655	50.00	2857	5.00
911	87.40	1160	11.00	2505	6.20	2656	44.00	2858	5.80
912	87.40	1161	11.00	2506	6.40	2657	14.00	2859	6.60
913	40.00	1162	3.00	2507	7.20	2658	5.60	2860	7.60
914	44.00	1164	9.80	2508	7.40	2659	2.00	2862	2.80
915	48.00	1166	49.40	2509	7.80	2660	5.60	2866	17.20
916	52.00	1167	49.40	2510	8.00	2661	5.60	2868	11.80
917	44.00	1168	36.00	2511	8.60	2662	2.00	2870	14.20
918	48.00	1169	36.00	2513	3.80	2664	7.80	2871	20.20
919	52.00	1170	7.60	2574	9.00	2665	8.60	2873	3.20
920	56.00	1175	34.80	2575	27.60	2666	8.80	2874	3.20
921	96.00	1176	19.40	2576	10.60	2667	9.60	2890	7.20
922	62.00	1177	43.60	2578	48.00	2668	10.00	2891	6.60
923	42.00	1179	30.80	2579	26.00	2669	12.20	2892	5.80
924	47.00	1187	22.40	2580	32.00	2671	3.00	2903	5.60
925	52.00	1188	1.80	2581	38.00	2672	33.00	2904	6.60
926	29.00	1189	39.00	2582	44.00	2673	33.00	2905	7.60
927	31.00	1196	36.40	2583	50.00	2674	33.00	2906	8.60
928	29.00	1197	27.60	2586	4.60	2678	33.00	2907	9.60
929	31.00	1199	1.40	2587	4.60	2680	32.00	2908	10.60
930	34.00	1200	390.00	2588	4.60	2681	38.00	2909	12.00
931	42.00	1202	42.20	2589	14.00	2682	44.00	2911	2.40
932	47.00	1203	32.00	2590	34.00	2683	50.00	2914	5.20
933	7.60	1206	3.60	2591	14.00	2684	56.00	2915	6.60
934	.80	1207	3.60	2592	2.20	2685	62.00	2916	7.60
935	28.00	1208	4.00	2593	2.40	2686	44.00	2924	2.80
936	28.00	1209	17.80	2594	2.80	2687	4.60	2925	3.40
937	3.80	1210	5.80	2595	3.00	2688	4.60	2932	2.40

* Price on application

Repair Parts—List Prices

current & obsolete boilers

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
16158	31.20	18511	.80	21173	5.40	23554	14.20	24095	4.40
16161	17.60	18627	3.80	21174	5.80	23556	15.00	24133	1.00
16195	12.80	19172	.80	21185	.80	23564	5.00	24134	1.00
16197	14.80	19173	.80	21196	2.80	23566	5.60	24136	1.00
16199	17.80	19530	.40	21197	3.40	23568	6.60	24137	5.00
16201	19.80	20828	8.40	21198	3.80	23570	7.40	24185	8.40
16203	23.80	20850	9.20	21199	4.60	23572	8.00	24186	8.80
16205	25.80	20862	7.20	21200	5.40	23589	8.60	24190	6.60
16207	26.60	20898	.40	21201	6.20	23592	6.80	24191	1.40
16209	28.40	21005	1.00	21202	7.00	23594	9.80	24192	1.40
16211	19.60	21006	1.20	21203	7.80	23596	8.80	24193	1.40
16213	2.40	21007	1.40	21236	.40	23597	8.80	24197	14.00
16214	12.60	21008	1.60	21241	1.00	23598	2.80	24198	14.00
16216	11.40	21009	1.80	21242	1.20	23599	5.80	24199	14.00
16217	12.00	21010	2.00	21243	1.40	23601	6.20	25715	29.20
16220	33.20	21011	2.20	21244	1.60	23603	6.60	25725	5.40
16221	37.20	21012	2.40	21245	1.80	23605	7.20	25726	6.60
16222	41.00	21016	2.40	21246	2.00	23607	8.80	25727	7.60
16223	46.00	21017	2.60	21247	2.20	23614	9.00	25728	10.40
16224	48.80	21018	2.80	21248	2.40	23615	9.60	25729	12.20
16225	50.80	21019	3.00	21252	4.60	23616	10.60	25795	1.40
16285	4.80	21020	3.20	21255	3.40	23617	11.60	25786	1.40
16286	1.00	21021	3.40	21263	3.00	23618	12.60	25787	1.40
16323	3.00	21022	3.60	21264	2.80	23641	1.00	25788	1.40
16503	26.20	21023	3.80	21644	6.00	23643	1.60	25790	1.60
16504	4.00	21032	4.40	21645	6.00	23644	1.00	25791	1.00
16505	4.80	21033	5.20	21646	6.00	23658	1.40	25970	1.80
16506	5.60	21034	6.00	21933	15.40	23663	3.60	26386	11.60
16507	6.40	21035	7.00	21934	15.40	23679	7.40	26387	12.80
16508	8.00	21036	7.80	21935	9.20	23682	1.80	26388	13.80
16509	8.60	21037	8.80	21936	2.80	23684	1.20	26389	16.60
16510	9.60	21038	9.60	21938	7.80	23685	1.20	26390	20.60
16511	10.40	21039	10.40	21939	1.60	23686	1.20	26391	22.80
16520	4.20	21048	4.60	21941	11.60	23723	10.60	26392	24.00
16521	5.00	21049	5.20	22497	2.20	23774	3.40	26393	25.60
16522	6.00	21050	6.00	22501	.60	23775	2.00	26430	.40
16523	7.00	21051	7.00	22503	7.80	23776	8.40	26562	.60
16524	8.40	21052	7.80	22506	13.00	23784	1.00	26830	.80
16525	10.20	21053	8.40	22510	13.60	23859	12.40	26957	2.80
16526	11.60	21054	9.20	22513	14.40	23860	17.80	26984	4.80
16527	12.20	21055	9.80	22517	14.80	23861	13.60	26985	4.80
17191	17.40	21057	4.80	22521	8.40	23905	1.80	26986	5.00
17298	12.20	21058	5.00	22595	.60	23906	2.00	26987	5.60
17329	44.40	21059	5.20	22611	10.80	23907	2.80	26988	5.80
18289	1.60	21060	6.60	22623	9.80	23930	10.60	26989	6.40
18290	1.80	21061	7.40	23396	.40	23931	11.40	26990	7.40
18291	2.20	21062	8.00	23398	.40	23932	12.40	26991	7.80
18292	2.60	21063	8.60	23500	8.60	23936	17.60	26992	8.20
18293	2.80	21064	9.20	23502	8.80	23937	19.40	27002	5.80
18294	3.20	21090	6.60	23504	9.60	23938	20.40	27004	6.00
18295	3.60	21091	8.00	23506	10.40	23939	9.20	27176	11.60
18296	4.00	21092	9.80	23508	11.20	23940	10.40	27177	12.80
18297	4.40	21093	11.80	23510	8.40	23941	13.20	27178	13.80
18468	15.60	21094	14.00	23512	8.60	23945	7.80	27179	16.60
18469	16.60	21095	15.80	23514	9.40	23946	8.80	27180	20.60
18470	19.20	21096	16.80	23527	14.80	23947	11.60	27181	22.80
18471	21.40	21097	18.00	23529	12.80	23951	9.60	27182	24.00
18476	14.00	21162	16.00	23533	9.60	23952	11.60	27183	25.60
18477	15.00	21165	18.00	23535	10.60	23953	13.60	27236	2.60
18478	16.00	21167	2.60	23537	11.60	23957	16.00	27237	3.00
18479	17.00	21168	3.00	23539	12.60	23959	16.00	27238	3.40
18484	12.80	21169	3.40	23541	13.60	23961	8.20	27239	4.20
18485	13.60	21170	4.20	23548	11.80	23962	10.40	27240	4.60
18486	14.60	21171	4.60	23550	12.40	23963	11.20	27241	5.00
18487	15.20	21172	5.00	23552	13.00	23967	.80	27242	5.40

* Price on application

Repair Parts—List Prices

current & obsolete boilers

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
9002	6.40	9109	219.80	9197	10.80	9270	166.00	13263	2.80
9003	73.00	9110	207.80	9198	11.80	9271	9.20	13265	3.40
9004	*	9111	229.80	9199	12.80	9272	14.40	13267	3.80
9010	6.00	9112	217.80	9200	13.80	9273	19.40	13269	4.40
9011	6.80	9114	16.60	9201	14.80	9274	6.20	13271	5.00
9012	6.80	9115	17.60	9202	15.80	9275	3.20	13273	5.80
9023	14.60	9116	18.60	9203	16.80	9276	6.40	13275	6.20
9024	16.20	9117	20.00	9209	11.20	9289	8.60	13277	6.60
9025	17.60	9118	21.00	9210	11.80	9290	42.40	13279	7.20
9026	20.40	9119	22.00	9211	12.80	9291	4.20	13331	8.80
9027	24.20	9120	38.00	9212	13.80	9292	52.00	13333	7.60
9028	26.80	9121	40.00	9213	14.00	9293	71.00	13341	3.20
9029	33.40	9122	42.20	9214	14.20	9294	89.00	13343	3.40
9030	36.00	9123	45.20	9215	14.60	9295	107.00	13345	3.60
9031	42.00	9124	83.00	9216	15.20	9296	126.00	13347	3.80
9059	8.00	9125	86.20	9217	6.60	9297	144.00	13349	4.00
9060	8.80	9126	117.80	9218	7.20	9300	46.00	13481	4.20
9061	9.60	9127	122.80	9219	8.40	9301	148.00	13483	4.60
9062	10.40	9128	73.80	9220	8.80	9302	155.00	13485	4.80
9063	11.20	9129	76.60	9221	10.20	11011	3.00	13488	3.00
9064	12.40	9130	79.60	9222	11.00	11021	5.40	13490	3.20
9065	13.40	9131	148.00	9223	12.00	11023	6.60	13492	3.60
9066	14.40	9132	159.00	9224	15.00	11025	7.60	13494	3.80
9067	12.40	9133	162.00	9225	4.00	11027	10.40	13496	4.60
9068	13.40	9134	168.80	9226	3.80	11032	14.80	13498	5.00
9069	14.40	9135	209.80	9227	4.20	11033	75.40	13500	5.20
9070	23.00	9136	219.80	9228	17.60	11034	16.00	13502	5.60
9071	29.40	9137	229.80	9229	19.00	11035	16.60	13567	5.40
9072	36.00	9138	105.80	9230	20.60	11461	1.60	13568	6.00
9073	42.60	9139	108.80	9231	22.00	13155	.80	13569	6.40
9074	49.20	9140	147.80	9232	23.60	13156	.80	13570	6.80
9075	55.60	9141	154.80	9233	66.00	13161	.40	13571	7.00
9076	62.40	9142	207.60	9234	67.00	13162	.40	13572	7.40
9077	68.80	9143	217.00	9235	69.00	13164	.40	13573	7.60
9078	4.00	9159	24.80	9236	71.00	13195	1.00	13574	8.20
9079	4.00	9160	25.80	9237	73.00	13196	1.20	13637	5.00
9080	16.60	9161	26.80	9238	75.00	13197	1.40	13639	5.40
9081	17.60	9162	27.80	9239	77.00	13198	1.60	13641	5.60
9082	18.60	9163	28.60	9240	79.00	13199	1.80	13643	6.20
9083	20.00	9164	29.80	9241	82.00	13200	2.00	13645	9.00
9084	21.00	9165	62.80	9242	107.00	13201	2.20	13647	9.60
9085	22.00	9170	23.00	9243	109.00	13202	2.40	13649	10.40
9086	38.00	9171	25.20	9244	111.00	13203	3.60	13651	11.20
9087	40.00	9172	27.20	9245	113.00	13205	3.80	14710	30.00
9088	42.20	9173	27.20	9246	115.00	13207	4.00	15727	.40
9089	39.60	9174	25.20	9247	139.00	13209	4.20	16092	25.00
9090	73.00	9175	25.20	9248	141.00	13211	4.60	16104	14.60
9091	76.60	9176	25.20	9249	180.00	13213	4.80	16106	15.80
9092	79.60	9177	27.20	9250	183.00	13215	5.00	16108	18.80
9093	83.60	9178	24.80	9251	186.00	13217	5.20	16110	20.80
9094	85.80	9179	25.80	9252	189.00	13222	4.00	16128	11.80
9095	117.80	9180	26.80	9253	192.00	13230	5.80	16130	13.80
9096	122.80	9181	27.80	9254	195.00	13232	7.20	16132	14.80
9097	149.80	9182	28.60	9255	5.80	13234	7.60	16134	15.80
9098	171.80	9183	29.80	9259	64.00	13236	7.80	16136	13.80
9099	99.80	9184	62.00	9260	82.00	13238	8.40	16138	14.80
9100	105.80	9185	66.20	9261	114.00	13245	3.00	16140	15.80
9101	108.80	9189	23.00	9262	140.00	13247	4.20	16142	16.80
9102	147.80	9190	25.20	9263	167.00	13249	4.60	16144	19.20
9103	154.80	9191	27.20	9264	68.00	13251	5.60	16146	20.60
9104	162.80	9192	27.20	9265	86.00	13253	6.00	16148	23.80
9105	168.80	9193	25.20	9266	71.40	13255	6.80	16150	25.60
9106	189.80	9194	25.20	9267	90.60	13257	7.20	16152	27.00
9107	209.80	9195	25.20	9268	105.00	13259	9.40	16154	28.60
9108	198.80	9196	27.20	9269	135.00	13261	10.00	16156	30.00

* Price not known

Repair Parts—List Prices

current & obsolete boilers

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
28992	53.00	29218	2.60	78222	17.20	82940	*	97164	8.00
28993	58.00	29219	3.00	78224	17.20	82941	*	97165	8.80
28994	63.00	29220	3.40	78226	20.60	83076	*	97166	9.60
28995	69.00	29221	3.80	78227	20.60	83077	*	97167	10.20
29016	.60	29238	4.60	78228	22.20	83118	2.00	97168	10.80
29042	21.00	29239	5.80	78229	22.20	83233	.40	97169	11.80
29043	28.00	29240	6.80	78230	22.20	83234	.40	97170	12.80
29044	38.00	29243	10.00	78231	22.20	83306	3.20	97171	13.80
29060	2.20	29244	15.00	78232	43.00	83307	3.40	97191	16.80
29061	3.40	29245	15.00	78233	51.20	83308	3.60	97192	18.80
29062	3.40	29246	20.00	78234	43.00	85925	.80	97193	19.80
29066	5.00	29247	20.00	78235	51.20	88158	29.80	97194	21.80
29067	5.00	29248	20.00	79293	1.00	88159	31.80	97195	22.80
29068	10.00	29479	11.60	79765	3.00	88160	32.80	97196	24.80
29071	1.00	29480	13.20	79766	3.20	88161	35.80	97197	25.80
29097	11.60	29481	14.80	79767	3.40	88162	37.60	97198	27.80
29098	12.20	29482	16.00	79768	3.60	88163	40.20	98691	1.20
29099	12.80	29487	5.00	79769	3.80	92194	16.80	99451	20.00
29100	13.40	29488	5.60	79770	4.00	92195	16.80	99454	9.80
29109	5.80	29489	6.80	81321	2.00	92196	9.80	99455	9.80
29111	6.80	29490	8.20	81464	31.00	92197	9.80	99456	21.00
29113	2.80	29494	10.60	81465	31.00	92198	17.40	99458	22.00
29114	3.40	29500	12.00	81493	29.60	92199	17.40	99462	26.60
29115	4.00	29501	13.60	81495	29.60	92200	11.80	99464	26.60
29116	4.60	29502	14.80	81496	33.00	92201	11.80	99466	8.00
29117	5.00	29583	1.80	81497	33.00	92202	18.60	99468	8.00
29118	5.40	29584	2.00	81498	33.00	92203	18.80	99470	8.00
29119	4.80	29793	*	81499	33.00	92204	12.80	99472	8.00
29130	.60	29794	*	81500	41.40	92205	12.80	99474	9.00
29131	.80	29795	*	81501	41.40	92206	19.60	99476	9.00
29132	1.00	29796	*	81502	41.40	92207	20.80	99478	14.00
29133	1.20	29797	*	81503	41.40	92208	14.80	99480	14.00
29134	1.40	56862	40	81505	50.80	92209	14.80	99482	18.00
29135	1.60	57178	31.00	81507	50.80	92210	20.80	99484	18.00
29136	1.00	57179	34.00	81510	72.40	92211	21.80	99486	22.00
29137	1.40	57180	37.00	81511	72.40	92212	15.80	99488	22.00
29138	1.80	57181	40.00	81512	78.20	92213	15.80	99490	26.00
29139	2.20	57182	43.00	81513	48.60	92214	22.80	99492	26.00
29140	2.60	57183	46.00	81514	48.60	92215	22.60	99494	30.00
29141	3.00	57236	14.80	81623	31.00	92216	16.80	99496	30.00
29148	2.80	57237	19.20	82660	31.80	92217	16.80	99498	36.00
29149	3.00	57238	25.40	82661	38.20	92382	34.00	99500	36.00
29150	3.20	60206	40	82664	44.60	92383	34.00	99502	7.00
29151	3.40	60207	40	82667	48.80	92404	36.20	99504	7.00
29152	3.60	61478	1.80	82672	*	92405	36.20	99506	9.00
29153	3.80	75806	26.00	82673	*	92406	36.20	99508	9.00
29154	2.80	75816	10.00	82702	.80	92407	36.20	99510	11.00
29155	3.20	75818	10.00	82705	.80	92425	12.80	99512	11.00
29156	3.60	75820	4.00	82709	.80	92426	12.80	99514	13.00
29157	4.00	75845	1.60	82710	1.40	92439	30.20	99516	13.00
29158	4.40	75903	1.80	82711	2.00	92440	30.20	99518	15.00
29159	4.80	75904	1.80	82712	2.60	92810	14.20	99520	15.00
29192	5.60	76552	4.00	82713	3.20	92841	15.40	99522	17.00
29193	6.20	77458	20.80	82714	3.80	92843	17.00	99524	17.00
29194	6.80	78206	31.00	82715	4.40	93360	*	99526	19.00
29195	7.60	78210	17.80	82716	5.00	94173	*	99528	19.00
29196	8.20	78211	17.80	82732	*	94549	.40	99547	5.60
29197	8.80	78212	21.20	82733	*	95427	5.80	99548	2.60
29209	.60	78213	21.20	82750	.40	95945	.80	99560	4.00
29210	*	78214	24.40	82751	.40	95998	29.80	99561	2.00
29211	*	78215	24.40	82753	.40	96010	31.00	99889	11.40
29212	*	78216	27.80	82754	1.80	96047	13.80	99902	14.60
29213	*	78217	27.80	82755	2.00	96058	5.80	99913	6.40
29214	*	78218	31.00	82756	2.20	97119	2.00	99920	5.60
29215	*	78219	31.00	82757	2.40	97125	2.80	99920	5.60
29216	1.80	78220	34.00	82758	2.60	97127	3.00		
29217	2.20	78221	34.00	82759	2.80	97129	3.20		

*Price on application

Repair Parts—List Prices

current & obsolete boilers

Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price	Part No.	List Price
27243	5.80	27656	*	27900	4.80	28282	3.20	28802	18.40
27267	*	27657	*	27901	5.40	28283	3.60	28803	20.20
27268	*	27658	*	27902	6.00	28284	4.40	28804	26.00
27269	*	27664	.60	27903	6.60	28285	4.60	28810	2.00
27270	*	27665	*	27904	7.20	28286	4.80	28812	16.20
27271	*	27666	*	27925	4.20	28287	5.00	28813	18.40
27272	3.60	27667	*	27926	5.00	28288	5.60	28814	20.60
27274	4.40	27668	*	27927	6.00	28290	7.40	28815	23.00
27276	10.60	27669	1.80	27928	7.00	28292	2.60	28820	16.20
27284	8.80	27670	3.20	27929	7.60	28293	2.60	28821	18.40
27286	9.20	27671	5.80	27930	7.80	28294	2.80	28822	20.60
27288	12.40	27672	8.60	27931	8.60	28295	2.80	28823	23.00
27289	12.80	27684	.60	27932	9.00	28296	3.00	28828	18.60
27290	13.60	27749	1.60	28011	4.80	28297	4.00	28830	7.00
27322	25.20	27752	.80	28014	5.00	28298	4.40	28833	3.40
27323	27.20	27753	.80	28019	5.20	28299	4.60	28835	12.00
27324	29.20	27754	1.40	28020	6.60	28300	4.80	28836	15.20
27325	31.40	27755	2.80	28021	7.40	28328	3.00	28837	16.40
27326	32.80	27759	*	28022	8.00	28329	3.20	28838	18.00
27327	35.80	27760	1.20	28023	8.60	28330	3.40	28839	19.20
27328	37.60	27762	2.60	28024	9.20	28331	3.60	28840	21.20
27329	40.20	27763	3.40	28066	9.80	28332	3.80	28841	23.20
27334	4.00	27764	4.40	28067	10.00	28333	4.00	28842	25.00
27335	4.40	27765	5.20	28068	10.20	28334	4.20	28843	7.20
27336	4.80	27772	6.20	28069	10.40	28335	4.40	28844	8.80
27391	11.40	27779	2.60	28070	10.60	28344	4.80	28845	11.80
27392	11.40	27780	3.40	28071	11.40	28345	5.00	28846	14.20
27464	24.00	27781	4.40	28072	11.80	28346	5.20	28847	15.80
27465	26.00	27782	5.00	28073	12.40	28347	5.60	28848	17.40
27466	28.00	27788	4.00	28074	1.00	28348	6.00	28849	19.20
27467	30.00	27789	7.80	28075	1.20	28349	7.20	28850	20.80
27468	32.00	27805	*	28076	1.40	28350	7.60	28851	22.60
27469	34.00	27837	2.00	28077	1.60	28351	7.80	28852	24.40
27487	19.00	27838	*	28078	1.80	28352	8.40	28887	21.80
27488	22.00	27843	.40	28079	2.00	28363	9.00	28883	23.40
27489	25.00	27845	.40	28080	2.20	28364	9.20	28886	2.00
27490	28.00	27848	16.00	28081	2.40	28365	9.60	28887	25.80
27491	31.00	27850	18.00	28190	1.80	28366	9.80	28888	25.80
27507	26.00	27852	6.60	28191	1.80	28367	14.60	28891	19.40
27508	29.00	27853	8.00	28192	1.80	28368	15.20	28894	3.60
27509	32.00	27854	9.80	28193	1.80	28369	16.00	28895	25.80
27510	34.00	27855	11.80	28194	1.80	28370	16.60	28952	4.20
27511	37.00	27856	14.00	28195	.40	28380	.40	28953	5.20
27512	40.00	27857	15.80	28198	3.40	28403	.40	28954	6.40
27524	14.00	27858	16.80	28200	5.00	28650	76.00	28955	7.60
27525	17.00	27859	18.00	28203	3.40	28651	94.00	28956	8.80
27526	19.80	27868	4.60	28204	.40	28746	13.60	28957	11.00
27527	21.80	27869	5.20	28205	.40	28749	2.00	28958	12.20
27528	24.20	27870	6.00	28206	25.80	28750	3.20	28959	13.40
27545	7.00	27871	7.00	28207	8.40	28752	2.60	28976	23.00
27546	9.00	27872	7.80	28208	4.00	28753	1.40	28977	32.00
27547	10.00	27873	8.40	28209	4.80	28755	2.00	28978	36.00
27580	.80	27874	9.20	28210	9.40	28771	1.60	28979	41.00
27583	2.20	27875	9.80	28261	4.40	28774	.80	28980	46.00
27597	.40	27889	1.00	28262	4.80	28775	.60	28981	51.00
27604	2.20	27890	1.00	28263	5.20	28776	.40	28982	56.00
27605	2.20	27891	1.20	28264	5.40	28777	.60	28983	61.00
27632	31.80	27892	1.40	28265	6.00	28778	.60	28984	44.00
27643	2.40	27893	1.60	28266	8.80	28790	15.20	28985	47.00
27644	3.60	27894	2.00	28267	9.40	28791	16.00	28986	21.00
27645	2.20	27895	2.20	28268	10.40	28792	18.40	28987	28.00
27648	.40	27896	2.40	28269	11.00	28793	20.20	28988	33.00
27649	4.00	27897	2.60	28279	2.80	28794	26.00	28989	38.00
27653	*	27898	3.20	28280	2.80	28800	15.20	28990	43.00
27655	*	27899	4.40	28281	3.00	28801	16.00	28991	48.00

* Price on application