

CHAPTER 8

PARTS ORDER INSTRUCTIONS AND PARTS LIST

FURNISH COMPLETE INFORMATION WHEN ORDERING PARTS — When ordering parts for your boiler, be sure to include on your order the boiler serial number shown on the name plate attached to the front head. Your order should state the Cleaver-Brooks part number, the name and description of the part required, the quantity desired, and method of shipment. Indicate date material is required. If repair parts are required for accessory equipment, such as electric motor, pump, etc., which may not be shown, be sure to give the complete name plate data from the item for which the parts are required.

WHERE TO ORDER PARTS — Repair or replacement parts should be ordered from your Cleaver-Brooks representative or from Cleaver-Brooks, Division of Aqua-Chem, Inc. 1500 Lehman St., Lebanon, Pennsylvania 17042.

RETURNING PARTS FOR REPAIR — Parts to be repaired should be directed to your Cleaver-Brooks representative, or to Cleaver-Brooks Parts Center, 1500 Lehman St. Rear, Lebanon, PA 17042. A purchase order or a letter authorizing repairs and giving complete details should be mailed to your representative or to

Cleaver-Brooks Parts Department, in Lebanon, PA. Prior to returning, please remove fittings or accessories from the component, properly drain and clean part to comply with shipping regulations and include inside of the package a packing slip identifying the part with your company's name.

If you desire to return parts for reasons other than repair or exchange, please contract your representative or the Lebanon Parts Department and state the reasons for the return and await permission and directions prior to returning the material.

Many controls and other components can be factory-rebuilt (FR) or have a trade-in value. These items are available on an exchange basis. Consult your Cleaver-Brooks representative or the Lebanon Parts Department for information and prices.

Be sure to show the serial number of your unit on all parts orders and correspondence.

Cleaver-Brooks®	
CB PACKAGED BOILER	
MODEL <input type="text"/>	SERIAL NO. <input type="text"/>
MAX. PRESSURE <input type="text"/> PSI	DATE <input type="text"/>
INPUT <input type="text"/> BTU/HR	<input type="text"/> GAS <input type="text"/> GPH OIL
ELECTRICAL REQUIREMENTS	
MAIN POWER SUPPLY	
<input type="text"/> VOLTS	<input type="text"/> PH <input type="text"/> HE <input type="text"/> AMP.
MINIMUM CIRCUIT CAPACITY <input type="text"/> AMP.	
MAX. RATING OF CIRCUIT PROTECTION <input type="text"/> AMP.	
BLOWER MOTOR <input type="text"/> HP	
AIR COMPRESSOR MOTOR <input type="text"/> HP	
OIL HEATER <input type="text"/> KW	
CONTROL CIRCUIT	
120 VOLTS 1 PH <input type="text"/> HE 7 AMP	
OIL PUMP MOTOR	
<input type="text"/> VOLTS	<input type="text"/> PH <input type="text"/> HE <input type="text"/> AMP.
CLEAVER-BROOKS DIVISION AQUA-CHEM, INC. LEBANON, PENNSYLVANIA 17042	

Contact your local Cleaver-Brooks Representative for prompt supply of replacement parts.

C-B PARTS LIST

NOTE

See end of Parts List for Usage Reference Information.

Part No.	Req.	Description	Usage	
GASKETS				
880-215	1	Gasket Kit, Fire Side	L.P. L.P. & H.P. to 150 lbs. L.P. & all H.P. L.P. L.P. & H.P. to 150 lbs. L.P. & all H.P.	
880-209	1	Gasket Kit, Water Side (Neoprene)		
880-208	1	Gasket Kit, Water Side (Soft-Standard)		
880-205	1	Gasket Kit, Water Side (Spirotalic)		
853-935	6	Gasket, Handhole, 3-1/4" x 4-1/2" (Neoprene)		
853-152	6	Gasket, Handhole, 3-1/4" x 4-1/2" (Soft-Standard)		
853-191	6	Gasket, Handhole, 3-1/4" x 4-1/2" (Spirotalic)		
32-516	3	Gasket, Head, Front & Rear Door		
853-1006	1	Gasket, Rear Door Seal		
853-1011	1	Gasket, Rear Door Seal		
853-992	1	Gasket, Tadpole (Front Baffle)	To 30# D.P. 60# to 300# D.P.	
853-984	1	Gasket Rope (Rear Baffle)		
872-481	1	Adhesive, Rear Baffle Tile & Inner Rope Surface (1 Gallon Pail)	Air Duct	
841-507	24	Fastener, Clip (Fastens Rear Head Gasket)		
841-494	38	Rivet, Split (Baffle Gasket & Inner Door)		
32-2333	1	Gasket, Inner Door to Housing		
32-605	1	Gasket, Burner Drawer		
32-2332	1	Gasket, Support to Housing		
32-2335	1	Gasket, Housing to Furnace		
853-3	6'	Gasket, Rubber, 3/8" O.D. (Burner Support to Front Head)		
32-2336	1	Gasket, Air Duct Cover		
32-2328	5'	Gasket, Air Hood to Impeller Housing		
853-899	4'	Gasket, Sponge Rubber, 3/4" wide x 1/2"		
853-348	1'	Gasket, Gas Line to Front Head		
BLOWER MOTOR AND DRIVE PARTS				
894-2795	1	Motor, 2 HP, 200/230/460/3/60/3600		50 thru 80 H.P. 50 thru 80 H.P. 100, 125A H.P. 100, 125A H.P. 125A 125A
894-2796	1	Motor, 2 HP, 575/3/60/3600		
894-2799	1	Motor, 3 HP, 200/230/460/3/60/3600		
894-2800	1	Motor, 3 HP, 575/3/60/3600		
894-2803	1	Motor, 5 HP, 200/230/460/3/60/3600		
894-2804	1	Motor, 5 HP, 575/3/60/3600		
NOTE: Above are normally used motors. Check name plate prior to ordering and if different than above, furnish complete data.			CB 50 CB 60 CB 70 CB 80 CB 100 CB 125A	
NOTE: Motor size may vary if high altitude is present.				
192-179	1	Impeller, 13-5/8" Dia.		
192-177	1	Impeller, 14-1/2" Dia.		
192-175	1	Impeller, 15-5/8" Dia.		
192-174	1	Impeller, 16-7/8" Dia.		
192-176	1	Impeller, 15-1/4" Dia.		
192-181	1	Impeller, 16" Dia.		
NOTE: Above are standard impellers. Variations may occur depending on motor selection and altitude.				

CHAPTER 8
PARTS ORDER INSTRUCTIONS AND PARTS LIST

Part No.	Req.	Description	Usage
BURNER			
251-53	1	Nozzle Tip & Swirler	CB 50 & 60 CB 70 & 80 CB 100, 100A & 125A
82-33	1	Spring, Swirler	
275-186	1	Diffuser	
275-187	1	Diffuser	
275-185	1	Diffuser	
435-36	1	Electrode, Gas Pilot	CB 50-80 CB 50-60 CB 70-80
853-1	1	O-Ring, 1-1/4" (Electrode Gland Seal)	
851-77	1	Mica, Porthole	
72-33	1	Screen, Diffuser	
77-363	1	Spacer, Diffuser Screen	
77-364	1	Spacer, Diffuser Screen	Oil Tube
286-7	1	Tube & Sleeve, Oil to Nozzle	
853-55	1	O-Ring 5/8"	
286-8	1	Tube, Block to Nozzle	
277-47	1	Body, Nozzle	
38-326	1	Manifold Block	CB 50-80 (Except 200 Series) CB50-80 - 200 Series CB 100, 100A, 125A (All)
90-795	1	Scanner Tube	
32-497	1	Gasket, Scanner	
134-73	1	Spider, Diffuser	
134-46	1	Spider, Diffuser	
134-47	1	Spider, Diffuser	Light Oil Pilot CB 50-80 CB 100, 100A, 125A Light Oil Pilot (100 Series) Light Oil Pilot (500 Series)
134-53	1	Holder, Gas Pilot Electrode	
435-38	2	Electrode	
8-577	1	Bracket, Light Oil Pilot Electrode	
8-333	1	Bracket, Light Oil Pilot Electrode	
899-29	1	Nozzle, Orifice, 3.5 GPH	Light Oil Pilot Light Oil Pilot Light Oil Pilot Light Oil Pilot Light Oil Pilot
899-23	1	Nozzle, Orifice, 2.0 GPH	
251-7	1	Tip & Swirler	
82-34	1	Spring Swirler	
277-23	1	Body Nozzle	
924-49	1	Spring Ignition	Oil Only Gas & Combination Oil Only Gas & Combination
94-179	2	Insulator Ignition	
459-222	1	Burner Housing CB 50-80	
459-224	1	Burner Housing CB 50-80	
459-225	1	Burner Housing CB 100-100A-125A	
459-223	1	Burner Housing CB 100-100A-125A	
GAUGES AND THERMOMETERS			
850-3	1	Gauge, 2-1/2", 0-60 lb.	Oil Controller
850-61	1	Gauge, 2-1/2", 0-100 lb.	
850-237	1	Gauge, 2-1/2", 0-150 lb.	
850-391	1	Gauge, 3-1/2", 0-100 lb.	
850-109	1	Gauge, Gas Pressure, 0-20 oz. & 0-35"	
850-243	1	Gauge, 4-1/2", 0-30 lb. & 0-30	L.P. Power to 200 lb. Power to 250 lb. 30 lb. HW 60 lb. HW 125 lb. HW
850-122	1	Gauge, 4-1/2", 0-300 lb.	
850-178	1	Gauge, 4-1/2", 0-400 lb.	
850-50	1	Gauge, 3-1/2", 0-60 lb.	
850-153	1	Gauge, 4-1/2" 0-100 lb.	
850-114	1	Gauge, 4-1/2", 0-200 lb.	Hot Water For 937-59 Oil Temperature
937-28	1	Thermometer, Stack, 3", 200-700°F	
937-59	1	Thermometer, 3-1/2", 100-300°F	
817-641	1	Well, 1/2"	
937-49	1	Thermometer, 2", 50-300°F	

CHAPTER 8

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Part No.	Req.	Description	Usage
REFRACTORY			
94-216	16	Tile, Furnace Liner	CB 50-80 CB 100-125A
94-217	8	Tile, Throat	
94-218	8	Tile, Throat	
94-172	9	Tile, Rear Baffle	
872-469	1	Shim, Throat Tile, Millboard (1/4" x 7" x 24")	
872-47	1	Cement, Refractory (50 lb. Drum)	
872-96	1	Cement, Furnace-Crete (100 lb. Bag)	
872-162	1	Cement, Vee-Block Mix (50 lb. Bag)	
872-26	1	Cement, Insulating (50 lb. Bag)	
456-1322	1	Door, Front Inner, Insulated	
465-1323	1	Door, Front Inner, Insulated	
94-165	1	Tube, Sight Port, Rearhead	
NOTE: For rear door refractory repairs on inner door repairs, consult your local service agency or Cleaver Brooks Parts Department.			
OIL HEATING EQUIPMENT			
832-953	1	Heater, Electric, 3 KW, 208 V, FPT-24M	800 & 900 Series
832-921	1	Heater, Electric, 3 KW, 240 V, FPT-23M	
832-922	1	Heater, Electric, 3 KW, 480 V, FPT-43M	
832-923	1	Heater, Electric, 3 KW, 550 V, FPT-53M	300 & 500 Series 400 & 600 Series Hot Water
832-948	1	Heater, Electric, 5 KW, 208 V, FPT-85M	
832-929	1	Heater, Electric, 5 KW, 240 V, FPT-25M	
832-933	1	Heater, Electric, 5 KW, 480 V, FPT-45M	400 & 600 Series - Steam
832-934	1	Heater, Electric, 5 KW, 550 V, FPT-55M	
832-288	1	Heater, Electric, 5 KW, 208/240 V MOF 3 x 57	
832-289	1	Heater, Electric, 5 KW, 480 V MOF 3 x 78	652-9 Heater 652-9 Heater Steam Heater Steam Heater
832-290	1	Heater, Electric, 5 KW, 550 V MOF 3 x 76	
853-692	1	Gasket, Electric Heater	
652-9	1	Heater, Steam (Less Electric Heater)	16-150 lb. Boiler For 817-260
534-181	1	Tube Bundle, Outer	
191-932	1	Tube Bundle, Inner	
32-1106	2	Gasket, Tube Sheet, Outer	151-250 lb. Boiler 251-300 lb. Boiler
32-1105	1	Gasket, Tube Sheet, Inner	
952-94	8	Washer	
934-59	1	Steam Trap, 3/4"	50-60 HP 70-100, 100A HP 125A
817-260	1	Regulator, Steam, 1/2", 11-016	
880-93	1	Kit, Repair Parts, For Steam Regulator	
817-330	1	Regulator, Steam, 1/2", Fisher 95H	50-100A HP 125A
918-12	1	Regulator, Steam, 1/2", Fisher 95H	
948-222	1	Valve, Solenoid, 1/2"	
863-501	1	Heater, Water, Alstrom 6DT-70A	Standard Standard Optional Optional
863-513	1	Heater, Water, Alstrom 6DT-90A	
863-122	1	Heater, Water, Alstrom 6DT-120A	
901-439	1	Pump, Circulator, 1-1/2" B&G	
901-292	1	Pump, Circulator, 2" B&G	
PROGRAMMING CONTROL AND COMPONENTS			
833-2290	1	Control CB 70 (Less Program Module and Amplifier)	
833-2291	1	Program Module (60 Hz)	
833-2294	1	Program Module (50 Hz)	
833-2204	1	Amplifier, Flame Signal, Infrared (Red)	
817-1742	1	Detector, Flame, Infrared	
833-2207	1	Amplifier, Flame Signal, Ultraviolet (Violet)	
817-1743	1	Detector, Flame, Ultraviolet	
833-1966	1	Subbase Wiring	
804-60	1	Tester, CB 70	

CHAPTER 8

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Part No.	Req.	Description	Usage
WATER CONTROL PARTS			
817-97	1	Control MCD&M 150 MR	H.W., L.P. & Power to 150 lb.
817-98	1	Control MCD&M 150 AR	H.W., L.P. & Power to 150 lb.
817-95	1	Control MCD&M 157-RL	L.P.
817-94	1	Control MCD&M 157-RLM	Power to 150#
817-304	1	Control MCD&M 194 M	Power 151# to 250#
NOTE: For design pressures above 250 PSI consult local service agency or Cleaver Brooks Parts Department.			
817-85	1	Head Mechanism MCD&M 150 HD	L.P.
817-99	1	Head Mechanism MCD&M 150-M-HD	H.W., L.P., Power to 150 lb.
817-389	1	Head Mechanism MCD&M 194-M-HD	Power 151# to 250#
822-73	1	Bellows Base Assembly (M.R.)	Control 817-94 & 817-97
822-88	1	Bellows Base Assembly (Auto)	Control 817-95
853-269	1	Bellows Base Gasket	Control 817-94, 817-95 & 817-97
853-268	1	Head Gasket	Control 817-94, 817-95 & 817-97
846-26	1	Float and Rod Assembly	Control 817-94, 817-95 & 817-97
836-43	1	Switch, Pump, Z-Wire	Control 817-94, 817-95 & 817-97
836-93	1	Switch, Cutoff and Alarm, 3 Wire (M.R.)	Control 817-94 & 817-97
836-44	1	Switch, Cutoff and Alarm, 3 Wire (Auto)	Control 817-95
912-144	1	Float Arm and Spring Assembly	Control 817-304
846-52	1	Float With Head Gasket	Control 817-304
836-303	1	Complete Switch Assembly (2 SPDT Switches)	Control 817-304
851-44	1	Gauge Glass, 5/8" x 10-3/4" Lg.	L.P. & Power to 150 lb.
851-199	1	Gauge Glass, 5/8" x 9-1/2" Lg.	Stm. Power Over 150 lb.
853-115	2	Gasket, Gauge Glass, 5/8"	L.P. & Power to 250#
825-92	3	Trycock, Column, 1/2"	L.P. & Power to 250#
825-352	1	Set, Gauge Glass Valves	L.P. & Power to 250#
NOTE: Above are standard controls and parts, exceptions may exist depending on job variations. Consult local service agency or Cleaver Brooks Parts Department.			
LINKAGE PARTS			
833-17	5	Ball Joint	For 313-9
10-288	5	Bushing, Ball Joint	
2-160	2	Arm, Jackshaft	
313-9	1	Cam	
82-111	1	Spring, Cam	
24-41	1	Stem, Gas Valve Cam Linkage	
82-1	1	Spring, Gas Stem	
287-24	1	Arm, Gas Butterfly Linkage	
287-5	1	Arm, Gas Butterfly Actuating	
82-27	1	Spring, Over-Ride	
882-15	1	Arm, Spring Holding	
2-43	1	Arm, Burner Damper	
2-149	1	Arm, Modulating Motor	
10-91	1	Bushing, Modulating Motor Shaft	
36-199	12	Guide, Cam Spring	For 313-9
MISCELLANEOUS			
814-7	1	Brush, Flue, 2-3/8"	Rear Door
550-42	1	Window, Observation	
851-26	1	Glass, Pyrex	Head Bolts
853-213	2	Gasket, Sight Hole	
868-94	12	Capscrew, 5/8" x 4-1/2"	
51-60	12	Nut, Head Bolt, 5/8"	
317-58	6	Cover, Handhole	
953-48	6	Yoke, Handhole	

CHAPTER 8

PARTS ORDER INSTRUCTIONS AND PARTS LIST

Part No.	Req.	Description	Usage
AIR PUMP AND LUBE PARTS			
505-107	1	Pump, Air, 2"	
923-79	1	Cleaner, Air	
853-879	1	O-Ring Lube Oil Tank Cover	
919-124	3	Pad, Steel Wool, #3 Coarse	
529-11	1	Strainer	
171-28	1	Basket Strainer	
32-350	1	Gasket, Cover	
32-351	1	Gasket, Cover Bolt	
171-114	1	Basket, Oil Inlet Filter	
819-56	1	Insert, Flexible Coupling, L-100	
850-647	1	Gauge, Oil Level	
894-2807	1	Motor, 2 HP, 200/230/460/3/60/1800	
894-2808	1	Motor, 2 HP, 575/3/60/1800	
861-345	1	Hose, Air	
GAS VALVES			
940-278	1	Valve, Solenoid, 1/2", 115/60	Gas Pilot
832-208	1	Coil, Solenoid, 115 V	For 940-278
918-93	1	Regulator Gas, 1/2" R4005	Gas Pilot
940-4544	1	Valve, Gas 2" NPT Honeywell	Has "Proof of Closure Switch"
945-143	1	Actuator, Gas Valve	
940-4539	1	Valve Gas 2" NPT Honeywell	
945-139	1	Actuator, Gas Valve	
940-4545	1	Valve, Gas, 2-1/2" NPT Honeywell	Has "Proof of Closure Switch"
945-143	1	Actuator, Gas Valve	
940-4540	1	Valve, Gas 2-1/2" NPT Honeywell	
945-139	1	Actuator, Gas Valve	
940-133	1	Valve, Gas Butterfly, 2-1/2" NPT	
948-252	1	Kit, Spring & Mounting Plate	
948-253	1	Valve, Solenoid, 1" NPT ASCO	
948-251	1	Valve Solenoid, 1-1/4" NPT ASCO	
	1	Valve Solenoid, 3/4" ASCO	
		NOTE: Check actuator or valve nameplate when ordering a replacement.	
OIL VALVES AND ASSOCIATED PARTS			
948-225	1 or 2	Valve Solenoid, 1/4"	
832-1130	1	Coil Solenoid, 120 Volt	
948-154	1 or 2	Valve Solenoid, 3/8"	
832-1066	1	Coil Solenoid, 120 Volt	
880-109	1	Kit, Repair, Solenoid Valve	
940-3898	1	Valve, Relief, 1/2" Ful-Flo	100-200 Series
940-2116	1	Valve, Relief, 1/2" Ful-Flo	
847-1715	2	Joint, Swivel, 1/2"	
861-211	1	Hose, Oil	
861-212	1	Hose, Air	
529-11	1	Strainer	
171-28	1	Basket, Strainer	For 529-11
32-350	1	Gasket, Strainer Cover	For 529-11
32-351	1	Gasket, Strainer Cover Bolt	For 529-11
843-44	1	Strainer, Oil, Cuno, 3/4"	300-600 Series
843-81	1	Strainer, Oil, Cuno, 3/4"	800-900 Series
853-309	1	Gasket, Oil Strainer	For 843-44

Part No.	Req.	Description	Usage
FUEL OIL CONTROLLER			
313-9	1	Cam (Includes Spring and Setscrews)	50-80 HP 100 HP 100A-125A HP
82-111	1	Spring, Cam	
24-38	1	Stem, Metering Valve, No. 1	
24-37	1	Stem, Metering Valve, No. 2	
24-39	1	Stem, Metering Valve, No. 3	
82-1	1	Spring, Stem	
880-75	1	Diaphragm Assembly/Pressure Reducing Valve Repair Kit	
880-76	1	Diaphragm Assembly/Back Pressure Valve Repair Kit	
880-370	1	Packing Kit, Valve Stem	
322-21	1	Inner Valve Assembly-Linear Bearing	
850-391	1	Gauge, 3-1/2", 0-100# (Back Connection)	
937-49	1	Thermometer, 2", 50-300 Degrees	
48-200	1	Orifice, Metering Valve	
ELECTRICAL CONTROLS AND COMPONENTS			
832-107	1	Transformer, Ignition, 115 V/60 Hz 6,000 Sec. V	Gas Pilot
832-118	1	Transformer, Ignition, 115 V/60 Hz 10,000 Sec. V	Light Oil Pilot
817-16	1	Control, Pressure, 2-15 lb., MH L404A	L.P.
817-110	1	Control, Pressure, 10-150 lb., MH L404A	Power to 150 lb.
817-111	1	Control, Pressure, 20-300 lb., MH L404A	Power Over 150 lb.
817-415	1	Control, Pressure, 2-15 lb., MH L404C	L.P.
817-109	1	Control, Pressure, 10-150 lb., MH L404C	Power to 150 lb.
817-900	1	Control, Pressure, 20-300 lb., MH L404C	Power to 250 lb.
836-45	1	Switch, Mercury, for L404A and L404C	L.P. Power to 150 lb. Power Over 150 lb.
817-251	1	Control, Pressure, 0-15 lb., MH L91A	
817-204	1	Control, Pressure, 5-150 lb., MH L91A	
817-234	1	Control Pressure, 10-300 lb., MH L91A	
832-764	1	Coil, Potentiometer for L91A	
817-400	1	Control, Temperature, 100-240 degrees F, L4008A	Hot Water
817-1050	1	Control, Temperature, High Limit, L4008E	Hot Water
817-1244	1	Control, Temperature, 160-260 degrees F, T991A	Hot Water
817-399	1	Well	For L4008A & E
817-378	1	Well	For T991A
828-27	3	Clip	For 817-399
904-60	3	Grommet	And 817-378 Wells
894-2812	1	Motor, Modulating, MH954C	Combustion Air Atomizing Air
894-2934	1	Motor, Modulating, MH M954B	
832-235	1	Transformer, Damper Motor, 115-25V 60 Cycles	
836-209	1	Potentiometer, MH 30112	
836-471	1	Switch, Burner, DPST	
836-474	1	Switch, Manual-Auto, DPDT	
836-223	1	Switch, Oil-Gas Selector	
817-436	1	Switch, Air Pressure, MH C6450	
836-418	1	Switch, Air Pressure, Dietz 161 P15	
295-94	1	Ignition Cable Assembly, 23"	
292-98	1	Ignition Cable Assembly, 28"	Oil Drawer Switch
836-320	1	Thermoswitch, Fenwall	
832-311	1	Condenser, .005 MFD	
836-65	1	Thermostat, 100-240 degrees F, WR 11B05	
836-72	1	Thermostat, 100-240 degrees F, WR 11B18	
836-89	1	Switch, Micro, YZLN., RH	
881-226	2	Neon Lamp, Clear	
881-225	2	Neon Lamp, Red	
817-774	1	Switch, Gas Pressure, C645A 3-21" WC	LGPS
817-1935	1	Switch, Gas Pressure, C645B 5-35" WC	HGPS

CHAPTER 8

PARTS ORDER INSTRUCTIONS AND PARTS LIST

Part No.	Req.	Description	Usage
OIL PUMPS			
905-1304	1	Pump, Viking, GP-0550A00M4, 1/4 HP	No. 2 Oil
905-1306	1	Pump, Viking, GP-0550A00M4, 1/2 HP	No. 4 Oil
901-1436	1	Pump, Viking, G-432-V, 1/3 HP, 230/460/3/60	No. 5 & 6 Oil
819-198	1	Insert, Coupling, Lovejoy L075	Pump Shaft Motor Shaft
819-203	1	Coupling Half, 7/16" Lovejoy L075	
819-200	1	Coupling Half, 5/8" Lovejoy L075	
809-147	1	V-Belt A465	For 901-436
925-161	1	Seal Mechanical, Viking	
529-11	1	Strainer, Oil	
171-28	1	Basket, Strainer	For 529-11
32-350	1	Gasket, Strainer Cover	For 529-11
32-351	1	Gasket, Strainer Bolt	For 529-11
923-47	1	Strainer, Oil 2", Morrison	No. 4,5,6 Oil
930-8	1	Basket, 2" Strainer	For 923-47
853-316	1	Gasket, 2" Strainer	For 923-47
The above are standard pumps. There are many variations and it is impractical to list exceptions or the various motors. When ordering give complete nameplate data.			
SAFETY VALVES			
		Because of the many variations in pressure settings and sizes, it is impractical to list safety or relief valves. Furnish name plate data of existing valve when ordering replacement.	

Notes On Usage References

- Blank** Indicates item applicable to all sizes, fuels and pressures covered by this manual.
- LP** Indicates Low Pressure Design Boiler (ASME Code Section IV) e.g. 15 lb. Steam Boiler. (also see Hot Water)
- HP** Used alone, indicates High Pressure — see Power. Indicates Horsepower when following a boiler size.
- HW** Hot Water Boiler. Standard ratings are 30, 60, 125 and 150 lb. The 150 lb. is built to the ASME Power Boiler Code (ASME Sect. I). The others are built to Code Sect. IV.
- Power** Indicates Power Boiler Design (ASME Code Sect. I). Steam boilers above 15 lb. design are classed as Power Boilers. Standard ratings are 150, 200 and 250 lb.

Fuel Series	100	No. 2 Oil (Light Oil)
	200	No. 2 Oil and Gas
	300	No. 5 Oil and Gas
	400	No. 6 Oil and Gas
	500	No. 5 Oil (Heavy Oil)
	600	No. 6 Oil (Heavy Oil)
	700	Gas
	800	No. 4 Oil (Heavy Oil)
	900	No. 4 Oil and Gas

