

**PARTS PRICE LIST L 3/1/16**

Rev. 6

Parts Multiplier

**Boiler Serial Number required on all Parts Orders****HEADPLATE GASKETS FOR ATMOSPHERIC WATER BOILERS**

BOILER MODELS	PART NUMBER	LIST PRICE
15 through 42	21W (two required)	
48 through 76 & A90	33W "	
85-200 <i>except "A" prefix</i>	53W "	
A150, A165, A180, A200	84W "	
225-500 <i>except "A" prefix</i>	84W "	
550, 600, A650, A700, A750	122W "	
A400, A450, A500, A550, A600, 650, 700, 750	148W "	
840 through 1250	188W "	

**HEADPLATE GASKETS FOR POWER BURNER FIRED WATER BOILERS**

BOILER MODELS	PART NUMBER	LIST PRICE
15 through 42	21W (two required)	
48 through 76	33W "	
85 through 200 <i>except "A" prefix</i>	53W "	
A150, A165, A180, A200,	84W "	
225 through 375	84W "	
400 through 600 <i>except A prefix, but including A650, A700, A750</i>	122W "	
A400, A450, A500, A550, A600, 650, 700, 750	148W "	
840 through 1250	188W "	

**HEADPLATE GASKETS FOR 15 PSIG LOW PRESSURE STEAM & HIGH "E" BOILERS**

BOILER MODELS	PART NUMBER	LIST PRICE
15S through 42S	21S (two required)	
48S through 76S, 48E through 76E & A90	33S "	
85S through 200S, 85E through 200E, <i>except "A" prefix</i>	53S "	
A150 S&E, A165 S&E, A180 S&E, A200 S&E, 225 S&E through 375 S&E and 400E, 425E, 450E, 475E, and 500E	84S "	
400S through 600S <i>except "A" prefix, but including A650S, A700S, A750S, 550E, 600E, A650E, A700E, and A750E</i>	122S "	
A400 S&E, A450 S&E, A500 S&E, A550 S&E, A600 S&E, 650 S&E, 700 S&E, 750 S&E	148S "	
840S through 1250S & 840E through 1250E	188S "	

**HEADPLATE GASKETS FOR 150 PSIG HIGH PRESSURE STEAM "P" BOILERS**

BOILER MODELS	PART NUMBER	LIST PRICE
P9.5 through P20	P Gasket (2 req'd)	
P25 through P50	P Gasket "	
P75 through P125	P Gasket "	
P150 through P250 (Specify front or rear)	P Gasket "	

**HEADPLATE GASKETS FOR DURAFIN "D" WATER BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
D300 through D2500	D Gasket (2 req'd)	
DA2000 through D5000	D Gasket "	
D5500 through D7500	D Gasket "	
D8000 through D10000	D Gasket "	

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**Boiler Serial Number required on all Parts Orders****HANDHOLE & MANWAY GASKETS**

DESCRIPTION	PART NUMBER	LIST PRICE
2 3/4 X 3 3/4 X 5/8 Elliptical Handhole	Same	
4 X 6 X 5/8 Elliptical Handhole	Same	
12" X 16" X 1 1/4" Elliptical Manway	Same	

**HANDHOLE & MANWAY PLATES**

DESCRIPTION	LIST PRICE
3 X 4 Handhole Plate with Yoke & Hex Nut (Less Gasket)	
4 X 6 Handhole Plate with Yoke & Hex Nut (Less Gasket)	
12" X 16" X 1 1/4" Manway Plate with Yoke & Nut (Less Gasket)	

**PRESSURE RELIEF VALVES WATER BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
3/4" Boiler Connection Size	740, 474A, or 335A	
1" "	740	
1 1/4" "	740	
1 1/2" "	740	
2" "	740	
3/4" Boiler Connection Size	174A	
1" "	174A	
1 1/4" "	174A	
1 1/2" "	174A	
2" "	174A	

**POP SAFETY VALVES 15 PSIG LOW PRESSURE STEAM BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
3/4" Boiler connection X 3/4" Discharge	13-211-08	
1" Boiler connection X 1" Discharge	13-202-08	
1 1/4" Boiler connection X 1 1/2" Discharge	13-213-08	
1 1/2" Boiler connection X 2" Discharge	13-214-08	
2" Boiler connection X 2" Discharge	12-205-08	
2 1/2" Boiler connection X 2 1/2" Discharge	12-206-08	
3" Boiler connection X 3" Discharge	12-208-08	
2 1/2" Boiler connection X 2 1/2" Discharge	14-206-08	
3" Boiler connection X 3" Discharge	14-207-08	

**POP SAFETY VALVES 30-150 PSIG HIGH PRESSURE STEAM BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
3/4" Boiler connection X 1" Discharge	19KEDA xx	
1" Boiler connection X 1 1/4" Discharge	19KFEA xx	
1 1/4" Boiler connection X 1 1/2" Discharge	19KGFA xx	
1 1/2" Boiler connection X 2" Discharge	19KHGA xx	
2" Boiler connection X 2 1/2" Discharge	19KJHA xx	
2 1/2" Boiler connection X 2 1/2" Discharge	19KJJA xx	

"xx" = Requires valve set pressure

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**Boiler Serial Number required on all Parts Orders****DRIP PAN ELBOWS FOR STEAM POP SAFETY VALVE DISCHARGE PIPING**

DESCRIPTION	PART NUMBER	LIST PRICE
For 1" Valve discharge X 1 1/2" Riser Pipe	DPE-10	
For 1 1/4" Valve discharge X 2" Riser Pipe	DPE-12	
For 1 1/2" Valve discharge X 2" Riser Pipe	DPE-15	
For 2" Valve discharge X 3" Riser Pipe	DPE-20	
For 2 1/2" Valve discharge X 4" Riser Pipe	DPE-25	
For 3" Valve discharge X 4" Riser Pipe	DPE-30	
For 4" Valve discharge X 6" Riser Pipe	DPE-40	

**LOW WATER CUTOFFS FOR WATER BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
LWCO/ auto reset/ for boilers 50 psig MAWP* or less	64	
LWCO/ auto or manual reset/ for boilers 50 psig MAWP* or less	63 or 63M	
LWCO/ auto or manual reset/ for boilers 150 psig MAWP* or less	150S or 150 S-M	
LWCO & FEEDER/ auto or man. reset/ for boilers 30 psig MAWP*	247-2 or 247-2M	
LWCO & FEEDER/ auto or manual reset/ for boilers 35 psig MAWP*	51-2 or 51-2M	
LWCO & FEEDER/ auto or manual reset/ for boilers 35 psig MAWP*	51-S-2 or 51-S-2M	
LWCO & FEEDER/ auto or manual reset/ for boilers 75 psig MAWP*	53-2 or 53-2M	
Probe LWCO Relay/ auto or manual reset/ NEMA 1 enclosure	26B1D1F	
Probe LWCO snap-in Relay Board only (Less NEMA 1 enclosure)	26B1AOE	
Probe fitting for above /NEMA 4 enclosure/ 160 psig MAWP*	3E1A	
Probe fitting for above /NEMA 4 enclosure/ 250psig MAWP*	3E1B	

\*MAWP = Maximum Allowable (Stamped) Working Pressure of Boiler

**LOW WATER CUTOFF REPLACEMENT PARTS**

DESCRIPTION	PART NUMBER	LIST PRICE
Head Mechanisms (HD suffix) for items 1-7 above	Order complete units	See Above
64 Body Head Gasket	302600	
64 Float	343600	
63 or 63M Body Head Gasket	302600	
63 or 63M Float	343400	
150, 150M, 150S, or 150S-M Head Gasket	325400	
150, 150M, 150S, or 150S-M Float and Rod	347600	
247-2 or 247-2M Body Gasket	312700	
247-2 or 247-2M Float	340600	
#2 or #2M Switch for 63(M), 247-2(M), 51-2(M), 51-S-2(M), 53-2(M)	110000 or 110100	
CAM (black plastic - activates #2 or #2M switch)	302900	
Valve and Strainer Assembly for 247-2 (M)	341600	
Snap-in P.C. Board Relay for Warrick LWCO	26B1AOE	
Brass Probe for Warrick LWCO	Brass Probe	
Test or Reset Button for Warrick LWCO (normally closed)	8411K7	

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DESCRIPTION	PART NUMBER	LIST PRICE
Test & Check (Meets CSD-1 requirement for float LWCO's)	1950000	
Test & Check Upper Valve	317350	
Test & Check Lower Valve	317353	
Test & Check Vacuum Breaker & Gasket	317354	
1/2" Back Connection Pressure & Temperature Gauge 0-60 psig	RIT500-4	
1/2" Back Connection Pressure & Temperature Gauge 0-200 psig	TR1-HD-302R-6	
1/2" Bottom Connection P & T Gauge, 6" Stem 0-60 psig	RIT500-2	
1/2" Bottom Connection P & T Gauge, 6" Stem 0-200 psig	RIT500-3	
Flow Switch FS 251 (NEMA1)	120611	
Flow Switch FS 254 (NEMA 4)	120610	
1" Full Port Low Water Cutoff Drain Valve	1" FBV-3	
1/2" X 3/4" Headplate Drain Valve	RD-QT	
3/4" Automatic Air Vent 150 psi	401485	
3/4" Automatic Air Vent 250 psi	401494	
High Water Pressure Switch/ manual reset/ NEMA1 / 10-150 psig	L4079B 1041	
Low Water Pressure Switch/manual reset/ NEMA1 / 1-35psi	DR-31-153U-4	
Low Water Pressure Switch/auto reset/ NEMA1 / 10-150psi	L404F 1102	
3/4" Reduced Principle (R.P.) Backflow Preventer	009M3QT	
3/4" Air Gap for 009M3QT Backflow Preventer	909 AGA	
3/4" Pressure Reducing Valve 10-35 psi	LF25AUB-LP-Z3	
3/4" Brass Wye Strainer	777 SI	

**PUMP CONTROLS, FEEDERS & LOW WATER CUTOFFS STEAM BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
Pump Start with Snap Switches, LWCO and Steam Column 150 MAWP	157S-P-MD	
Pump Start with Snap Switches, LWCO w/o Steam Column 150 MAWP	150S-M	
Pump Start, LWCO, float with #5 switch (on-off pump start) 150 MAWP	193-A	
Pump Start LWCO, float with modulating 0-135 ohm Feed Pump signal	193-A-7B	
Feeder, LWCO with Blowdown Valve (Less gauge glass & trycock)	47-2 or 47-2M	
*Rite Steam Column (Less gauge glass, trycock & probes) 150 MAWP	Rite Steam Column	
Probe LWCO Relay / Manual Reset / NEMA 1 Enclosure	26B1D1F	
Probe LWCO snap-in Relay Board only (Less NEMA 1 enclosure)	26B1AOE	
Probe Fitting for above/ NEMA 4 / for Low Pressure Steam Boilers	3E1A	
Probe Fitting for above/ NEMA 4 / for High Pressure Steam (P) Boilers	3E1B	

**REFLEX WATER GAGE**

DESCRIPTION	PART NUMBER	LIST PRICE
Reflex Water Gage rated 300 psig @ 450° F for Rite Steam Columns and <b>McDonnell Miller 193, 194 and 157 series</b> (except 157S-RL)	Same	
1/2" 200 psig SWP rated ball valves for above (3 required). Limits rating to 200 psig SWP	1/2" # 80	
Reflex Replacement Glass	Same	
Reflex Gauge Glass Gasket (2 Required)	Same	

SWP = Steam Working Pressure

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DESCRIPTION	PART NUMBER	LIST PRICE
157 and 193A Head Gasket	325400	
157 SPMD Complete Head Assembly, 150-S-MD-HD	173103	
157 Series Float and Rod	347600	
193A Float Assembly	345700	
47-2 Body Gasket	312700	
47-2 Float	340600	
Mercury Switch (2 wire) for 150 & 157 Series Pump Start	SA150-25	
Mercury Switch (3 wire) for 150 & 157 Series Pump Start	SA150-24	
#5 Switch for 193A Series Pump Start	110300	
#7B Switch for 193-A-7B Modulating Feedwater Signal	110800	
#2 Switch for 47-2 Feeder	110000	
Cam ( black plastic---activates #2 or #2M Switch)	302900	
Valve and Strainer Assembly for 47-2	341600	
Upper Quick Hook-up Brass "Y" Assembly for 47-2	351800	
Lower Quick Hook-up Brass "Y" Assembly for 47-2	349500	
Snap-in P. C. board - <i>Warrick</i> Low Water Cutoff	26B1AOE	
Stainless Steel Probe Rod for <i>Warrick</i> 3E1A&B Fittings	Stainless Probe	
Test and Reset buttons for <i>Warrick</i> Low Water Cutoffs (Normally Closed)	8411K7	
* <i>Rite</i> Steam Column Probes Standard	3H1B002	
* <i>Rite</i> Steam Column Probes Anti Fouling - Polyolefin 275° F	7801212	
* <i>Rite</i> Steam Column Probes Anti Fouling - Teflon 406° F	3H1B002D	
*Dual Function Pump Start & LWCO Relay w/ Power Outage Feature	DFL1AOK0404	
*Pump Start Relay	CHNT JQX-13F(D)	
8 Pin Base for above relay	CHNT PTF 08A	
Pump Start Contactor (For maximum ½ H.P. single phase feed pump)	DP2020B 5039	
Gauge Glass Protector Rods, 14" Long	9831614	
½" Brass Trycock 150 MAWP	26-305-01	
High Temperature Probe Wire to 3E1A & B Fittings	22 Gauge Teflon	
Gauge Glass Valves & Glass (10 ½") for 157 Series	20-151-10	
* <i>Rite</i> Steam Column Gauge Glass Valves & Glass (12" long) for Low Pressure Steam (15 #) Boilers	20-151-00	
* <i>Rite</i> Steam Column Gauge Glass Valves with Bail Checks & High Pressure Glass 5/8" X 11" for High Pressure "P" Boilers	24-351-10	
5/8" Low Pressure Clear Gauge Glass 7 ½" for 47-2, 10 ½" for 157, 12" for <i>Rite</i> Steam Column	Gauge Glass	
Gauge Glass Only, 9 ½", 11" or 12" Long for High Press. ("P" Boilers)	H. P. Gauge Glass	
Rubber Seals & Brass Washers for 20-150 Low Pressure Gauge Glass (2 each per set)	GG Seals & Washers	
Graphite Gasket Seals for 24-351-10 High Pressure Gauge Glass Valves (2 each per set)	D365400	

\*Standard on all *Rite* Low and High Pressure Steam Boilers as of 1/99 *except* Low Pressure Steam Boilers equipped with McDonnell Miller 47-2 Feedwater Level Control. MAWP= Maximum Allowable Working Pressure.

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**STEAM BOILER ACCESSORIES**

DESCRIPTION	PART NUMBER	LIST PRICE
1/4" Steam Gauge Cock (150 psig SWP Rated Ball Valve)	JF 100-101	
Steam Pressure Gauge, 4 1/2" Dial Face 15 psig Steam	P4598L-03-Rite	
Steam Pressure Gauge, 4 1/2" Dial Face ("P" Boilers) [0-100 psig], [0-160 psig], [0-200 psig], [0-300 psig]	Specify Range	
1" Quick Opening Blowdown Valve for 15 psig Steam Boiler, Full Port 150 psig SWP Rated	JF 100-105	
1 1/4" " " " "	JF 100-106	
1 1/2" " " " "	JF 100-107	
2" " " " "	JF 100-108	
1" Quick Opening Blowdown Ball Valve for High Pressure Steam ("P" Boilers), 200 psig SWP Rated	1" # 80	
1 1/4" " " " "	1 1/4" # 80	
1 1/2" " " " "	1 1/2" # 80	
2" " " " "	2" # 80	
1" Quick Opening <b>Knife Type</b> Valve (Like Everlast 4001A) Rated 300 SWP. SWP for "P" Boilers	1" # 425	
1 1/4" " " " "	1 1/4" # 425	
1 1/2" " " " "	1 1/2" # 425	
2" " " " "	2" # 425	
1" Slow Opening "Y" Pattern Blowdown Valve for High Pressure Steam ("P" Boilers), 200 psig SWP Rated	1" 226 UT	
1 1/4" " " " "	1 1/4" 226UT	
1 1/2" " " " "	1 1/2" 226UT	
2" " " " "	2" 226UT	
1" Spring Loaded Check Valve for 15 psig Steam Feedwater Piping	1" # 50	
1 1/4" " " " "	1 1/4" # 50	
1 1/2" " " " "	1 1/2" # 50	
2" " " " "	2" # 50	
1" Spring Loaded Check Valve for High Pressure Steam Boiler ("P" Boilers) Feedwater Piping, 200 psig SWP Rating	1" 50T	
1 1/4" " " " "	1 1/4" 50T	
1 1/2" Spring Loaded Check Valves for non-return boilers-in-battery piping, P9.5 to P20 Series Boilers	1 1/2" 50T	
2" Ditto above for P25 to P50 Series Boilers	2" 50T	
3/4" Vacuum breaker for 150 SWP Max., #62 Hoffman	401446	
<b>Condensate Return /Feedwater Tanks (Boiler Feed Units) Parts</b>	See Page 18	
<b>Blowdown Tank Parts</b>	See Page 18	
<b>Feedwater Pumps</b>	See Page 18	
Automatic Timed Surface Blowdown System (Shipped Loose)	Same	
Digital Handheld Conductivity Tester for Water	HT-3P	

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**Boiler Serial Number required on all Parts Orders****STEAM PRESSURETROLS**

DESCRIPTION	PART NUMBER	LIST PRICE
Operator / SPST / BOR / 3-15 psi range / 1-5# diff.	PA404A1025	
Operator / SPDT / BOR / 2-15 psi range / 2-6# diff.	L404F 1060	
High Limit / MR / SPST / BOR / 2-15 psi range	L4079B 1033	
Modulation (0-135 ohm) / 0-15 psi range / 1-12# TR	L91B 1035	
Operator / SPDT / BOR / 10-150 psi / 10-22# Diff.	L404F 1102	
High Limit / MR / SPST / BOR / 10-150 psi range	L4079B 1041	
Modulation (0-135 ohm)/ 5-150 psi range / 5-23# TR	L91B1050	

**WATER BOILER AQUASTATS**

DESCRIPTION	PART NUMBER	LIST PRICE
Operator / SPST / BOR / 100° - 240° F / 5-30° Diff./ 3" Insulation	L4006A 2015	
High Limit / SPST / BOR / 100° - 270° F (240° STOP ) / 3" Insulation	L4006E 1109	
Operator / SPST / BOR / 100° - 200° F/ 5-30° Diff./ 3" Insulation	L4006A 2148	
High Limit / SPST / BOR / 100° - 200° F / 3" Insulation	L4006E 1125	
High-Low Fire/ (2) SPST /BOR /110-240° / 10° Fixed Diff. 10°-25° adj. / 1 1/2" Insulation	L4081A 1023	
Operator/ 66" Remote Bulb /SPST/ BOR /100-240° / 5-30° Diff./ 3" Insulation	L4008A 1015	
High Limit / 66" Remote Bulb / SPST / BOR / 100-240°	L4008E 1305	
Modulation Control / 15' Remote Bulb / 0-135 OHM / 160-260° / 5-30° TR	T991A 1061	
Modulation Control / 15' Remote Bulb / 0-135 OHM / 55-175° / 5-30° TR	T991A 1186	
Modulation and Operator Control/15'Remote Bulb/160-260°/ For V9055A Actuators	T991E 1018	
Modulation and Operator Control/15'Remote Bulb/55-175°/ For V9055A Actuators	T991E 1034	obsolete
Low Fire Hold Aquastat / 100-240° / MOR / 1 1/2" Insulation	L4006B 1007	
Low Fire Hold Aquastat / 100-240° / MOR / 3" Insulation	L4006B 1163	
Low Fire Hold Aquastat / 66" Remote Bulb / 100-240° / MOR 5-30° Diff.	L4008B 1013	
Programmable Indoor/Outdoor Reset Control for On/Off or High/Low fire	T775RSERIES	
Programmable Indoor/Outdoor Reset Controls for Modulation	T775RSERIES	
1/2" Brass Wells for L4006 & 8 Series Aquastats / 1 1/2" Insulation	123869A	
1/2" Brass Wells for L4006 & 8 Series Aquastats / 3" Insulation	123872A	
1/2" Brass Wells for T991 Series Aquastats / 1 1/2" Insulation	112622AA	
1/2" Brass Wells for T991 Series Aquastats / 4 1/2" Insulation	112626AA	
1/2" Stainless Steel Wells for T775 series Aquastats	50001774-001	

**SPST** = Single Pole Single Throw **SPDT** = Single Pull Double Throw **MOR** = Makes on Rise **BOR** =Breaks on Rise  
**MR** = Manual Reset **Diff.** = Adjustable Differential, all ranges in °Fahrenheit **TR** = Throttling Range in °Fahrenheit  
 # = psig (Pounds per square inch gauge) 1 1/2" Insulation for non-insulated headplates 3" Insulation (for insulated headplates)

**HONEYWELL FLAME SAFEGUARD CONTROLS AND RELATED PARTS**

DESCRIPTION or PART NUMBER	LIST PRICE
RM7890A1015 <sup>1,3</sup> Burner Management Control with 3 Second FFRT*	
RM7895C 1012 <sup>2,3</sup> Burner Management Control with 3 Second FFRT*	
ST7800A 1005 (2 second); 1021 (10 sec.); 1039 (30 sec.); 1047 (40 sec); 1054 (60 sec.); 1062 (90 sec.) Purge Timing Cards	
ST7847A 1033 Amplifier	
S7800A1001 Keyboard Display Module	
S7800A1142 Keyboard Display Module with programming capabilities	
Q7800B1003 Wiring Sub base with Conduit Knockouts for RM7890 Series	
Q7800A1005 Panel Wiring Sub base less Conduit Knockouts	
C7027A1049 UV Scanner (For Power Burners)	

<sup>1</sup> Standard on Boilers up through 2500 MBH input. (Pilot is intermittent; main flame not proven, J2 clipped).

<sup>2</sup> Standard on Boilers 2501 through 12,499 MBH input.(Pilot is interrupted; main flame is proven, J2 & J3 clipped).

<sup>3</sup> Has Eprom Chip: Full diagnostic and Modbus communication capability. \*FFRT= Flame Failure Response Time.

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DESCRIPTION	PART NUMBER	LIST PRICE
SPST On-Off Bat Style Toggle Switch	7501K15	
SPST On-Off Rectangular Snap-in Toggle Switch	MAAOA-BL	
SPDT Toggle Switch for HAND-OFF-AUTO	7502K13	
DPDT Toggle Switch for Lead-Lag	7564K6	
Waterproof Sealing Boots for all 75 Series Toggle Switches above	N-1030	
Pushbutton Switch for Alarm Silencer (normally open)	172	
Relay/120V Coil/ DPDT Contacts 10 FLA @ 120VAC	CHNT JQX-13F (D)	
8 Pin Base for Above Relay	CHNT PTF 08A	
Definite Purpose contactor/120V Coil/ DPST Contacts 20FLA @ 120VAC	DP2020B 5039	
Alarm Piezo Electric 120VAC 95 dB(A) at 2 feet	MW-09-201-S	
Alarm Piezo Electric with one touch mute and beep acknowledgement 97dB(A) at 2 feet	OC-19-201-Q0A 120V	
Rectangular Snap-in Lights for Rite Lite Panels 120VAC Green	1350-4-20-11240	
1" Round Pilot Lights 120VAC "Green" LED NEMA 4	NHD ND22-G-120	
1" Round Pilot Lights 120VAC "Red" LED NEMA 4	NHD ND22-R-120	
Metal Legend Nameplates for 1" Round Lights	033924F2	
Replacement Zenith FR 15FX Time Delay Relay	TGC1010SCIZ	

SPST = Single Pole Single Throw DPST = Double Pole Single Throw SPDT = Single Pole Double Throw DPDT = Double Pole Double Throw

**PILOT CONTROLS & RELATED PARTS FOR ATMOSPHERIC BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
Carry-over Burner Tube	Same	
Carry-over Tube Orifice	Same	
Main Pilot Burner	Q179A1126	
Main Pilot Burner Orifice for Natural Gas	395390-25	
Main Pilot Burner Orifice for LP Gas (Propane)	395390-13	
Ignition and Flame Rod Leads	Same	
Ignition Transformer 6000V	1092-F	
1/4" Solenoid Pilot Gas Valve 10 psig max. inlet pressure	V4046C1047	
1/4" Pilot Regulator 2 psig max. inlet pressure, vent limited to < 2ft. <sup>3</sup> /hr.	RV20L	
3/8" Pilot Regulator 10 psig max. inlet pressure, vent limited for maximum supply 5 psig natural; 2 psig L.P. Gas	325-3	
3/8" Pilot Regulator for Puget Sound, 2 psi max. with 12A09 Vent Limiter 65 psi Emergency	325-3L-33-NG01	
1/4" Pilot Gas Cock 10 psig max. inlet pressure	JF 100-101	
Gas Pilot Aluminum Tubing, 1/4" O.D. by 8'	Same	
Pilot Wind Shield, Stainless Steel	Same	
High Ambient or Flame Roll-out Switch	L4029E1011	
Pilot Safety Relay for Standing Pilot (For Boilers Built Before 1975)	L62-GB-3	

**HIGH FIRE CONTROLS FOR ATMOSPHERIC BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
Suppressed Start Relay (For boilers shipped before Nov. 1998)	L61LL1	
Thermocouple for Above	K16WT-48	
Pilot Burner for Above	J999DXA-7223	
Low Fire Proven Switch (For nat. gas boilers, .4- 5" w.c., built after 11/98)	C6097A1004	
Low Fire Proven Switch (For L.P. boilers, 3-21" w.c., built after 11/98)	C6097A1053	

**BURNER BED FOR ATMOSPHERIC BOILERS**

DESCRIPTION	PART NUMBER	LIST PRICE
Cast Iron Burners (Advise if burner requires a pilot)	Serial # Dependent	
Cast Iron Venturis	Venturis	
Brass Orifices for Cast Iron Burners	Orifices	



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**Boiler Serial Number required on all Parts Orders****GAS TRAIN COMPONENTS --- VALVES, ACTUATORS, SWITCHES, ETC...**

DESCRIPTION	PART NUMBER	LIST PRICE
1/4" Manual Pilot Valve	JF 100 -101	
1/2" Gas Cock, Full Port, No Side Tap, 125# max. inlet pressure	JF 100 -103	
3/4" Gas Cock, Full Port, No Side Tap, 125# max. inlet pressure	JF 100 -104	
1" Gas Cock, Full Port, No Side Tap, 125# max. inlet pressure	JF 100 -105	
1 1/4" Gas Cock, Full Port, No Side Tap, 125# max. inlet pressure	JF 100 -106	
1 1/2" Gas Cock, Full Port, No Side Tap, 125# max. inlet pressure	JF 100 -107	
2" Gas Cock, Full Port, No Side Tap, 125# max. inlet pressure	JF 100 -108	
2 1/2" Gas Cock, Full Port, No Side Tap, 125# max. inlet pressure	JF 100 -109	
1" Gas Cock, Full Port with Side Taps	980240	
1 1/4" Gas Cock, Full Port with Side Taps	980260	
1 1/2" Gas Cock, Full Port with Side Taps	980310	
2" Gas Cock, Full Port with Side Taps	980360	
1/4" Leak Test Cocks	JF 100 -101	
Gas Pressure Gauge at Manifold Range 0 – 10" w.c.	LPI-254-10w.c.	
Gas Pressure Gauge at Inlet Range 0 – 30" w.c.	LPI-254-30w.c.	
Gas Pressure Gauge at Inlet Range 5 psig	LPI-254-5 psi	
Low Gas Pressure Switch, Range 3 – 21" w.c.	C6097A 1012	
High Gas Pressure Switch, Range 3 – 21" w.c.	C6097B 1028	
3/4" or 1" Main Gas Pressure Regulator, 1/2 # max. inlet pressure *	___" RV 53	
1" or 1 1/4" Main Gas Pressure Regulator, 1 # max. inlet pressure *	___" RV 61	
1 1/4" or 1 1/2" Main Gas Pressure Regulator, 1 # max inlet pressure *	___" RV 81	
2" or 2 1/2" Main Gas Pressure Regulator, 1 # max. inlet pressure	___" RV 91	
2 1/2" or 3" Main Gas Pressure Regulator, 1 # max. inlet pressure	___" RV 111	
3/4" or 1" Main Gas Pressure Regulator, 10 # max. inlet pressure **	___" 325-5A	
1 1/4" or 1 1/2" Main Gas Pressure Regulator, 10 # max. inlet pressure	___" 325-7	
1 1/4" or 1 1/2" Main Gas Pressure Regulator, 10 # max. inlet pressure	___" 210 D	
2" Main Gas Pressure Regulator, 10 # max. inlet pressure	___" 210 E	
2 1/2" or 3" Main Gas Pressure Regulator, 10# max. inlet pressure	___"210G	
Diaphragm Repair Kits for Regulators were discontinued as of August 2004		
3/4" Diaphragm Safety Shutoff Valve, 1/2 # max. inlet pressure	V48A 2151	
1" Diaphragm Safety Shutoff Valve, 1/2 # max. inlet pressure	V48A 2169	
1 1/4" Diaphragm Safety Shutoff Valve, 1/2 # max. inlet pressure	V48A 2177	
1 1/2" Diaphragm Safety Shutoff Valve, 1/2 # max. inlet pressure	V48A 2185	
2" Diaphragm Safety Shutoff Valve, 1 # max. inlet pressure	V48A 2243	
2 1/2" Diaphragm Safety Shutoff Valve, 1 # max. inlet pressure	V48A 2250	
120 VAC Replacement Coil for V48A Series	116931	
1/8" Slow Opening Adjustable Bleed Orifice for Diaphragm Valves	126590	
1/2" Solenoid Safety Shutoff Valve, 2 # max. inlet pressure	V4295A 1015	
3/4" Solenoid Safety Shutoff Valve, 2 # max. inlet pressure	V4295A 1023	
1" Solenoid Safety Shutoff Valve, 2 # max. inlet pressure	V4295A 1031	
1 1/4" Solenoid Safety Shutoff Valve, 2 # max. inlet pressure	V4295A 1049	
1 1/2" Solenoid Safety Shutoff Valve, 2 # max. inlet pressure	V4295A 1056	
2" Solenoid Safety Shutoff Valve, 2 # max. inlet pressure	V4295A 1064	
2 1/2" Solenoid Safety Shutoff Valve, 2 # max. inlet pressure	V4295A 1072	

\* With vent limiting device installed. Per ANSI Z21.18, vent line to outdoors not required (<2 ft.<sup>3</sup>/hr.)

\*\* Vent limiting device is rated up to 5 psig Natural Gas and 2 psig L.P. Gas supply pressure maximum.

# = psig (pounds per square inch gauge)

w.c. = inches water column

**PARTS PRICE LIST L 3/1/16**

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**Boiler Serial Number required on all Parts Orders****GAS TRAIN COMPONENTS --- CONTINUED...**

DESCRIPTION	PART NUMBER	LIST PRICE
3/8" Solenoid Safety Shutoff Valve, 5 # max. inlet pressure	V4295A 1098	
3/4" Solenoid Safety Shutoff Valve, 5# max. inlet pressure	V4295A 1114	
1" Solenoid Safety Shutoff Valve, 5# max. inlet pressure	V4295A 1122	
1 1/4" Solenoid Safety Shutoff Valve, 5# max. inlet pressure	V4295A 1130	
1 1/2" Solenoid Safety Shutoff Valve, 5# max. inlet pressure	V4295A 1148	
2" Solenoid Safety Shutoff Valve, 5# max. inlet pressure	V4295A 1155	
3/4" Motorized (Hydromotor) Valve Bodies for On-Off, Hi-Low, or Modulation Firing (V5055B1234 is obsolete- no replacement)	V5055B____	
3/4" Motorized (Hydromotor) Valve Body with Proof Of Closure Option for On-Off, Hi-Low or Modulation Firing	V5055C 1182	
1" Motorized Valve Bodies for On-Off, Hi-Low or Modulation Firing	V5055B____	
1" Motorized Valve Body with Proof Of Closure Option for On-Off, Hi-Low or Modulation Firing	V5055C 1034	
1 1/4" Motorized Valve Bodies for On-Off, Hi-Low or Modulation Firing	V5055B____	
1 1/4" Motorized Valve Body with Proof Of Closure Option for On-Off, Hi-Low or Modulation Firing	V5055C 1042	
1 1/2" Motorized Valve Bodies for On-Off, Hi-Low or Modulation Firing	V5055B____	
1 1/2" Motorized Valve Body with Proof Of Closure Option for On-Off, Hi-Low or Modulation Firing	V5055C1059	
2" Motorized Valve Bodies for On-Off, Hi-Low or Modulation Firing	V5055B____	
2" Motorized Valve Body with Proof Of Closure Option for On-Off, Hi-Low or Modulation Firing	V5055C1000	
2 1/2" Motorized Valve Bodies for On-Off, Hi-Low or Modulation Firing	V5055B____	
2 1/2" Motorized Valve Body with Proof Of Closure Option for On-Off, Hi-Low or Modulation Firing	V5055C1018	
3" Motorized Valve Bodies for On-Off, Hi-Low or Modulation Firing	V5055B____	
3" Motorized Valve Body with Proof Of Closure Option for On-Off, Hi-Low or Modulation Firing	V5055C1026	
<i>Honeywell</i> Motorized Actuator, On-Off, 26 Second Opening	V4055A 1007	
<i>Honeywell</i> Motorized Actuator, On-Off with Proof Of Closure Option	V4055D 1019	
<i>Honeywell</i> Motorized Actuator for Hi-Low Firing	V4062A 1008	
<i>Honeywell</i> Motorized Actuator for Modulation Firing	V9055A 1055	
<i>Honeywell</i> Motorized Actuator for Modulation Firing, with POC option	V9055D 1000	
<i>Honeywell</i> 203422C 4-20 ma Adapter Board for V9055A	203422C	
<i>Honeywell</i> End Switch for High-Low or Modulating Actuators	133568	
<i>Honeywell</i> Actuator to ITT ASCO Valve Body Adapter (Obsolete)	Q5055A 1001	--
3/4" Normally Open Vent Valve (for 3/4" - 1 1/2" IRI Gas Trains)	V4295S 1005	
1" Normally Open Vent Valve (for 2" IRI Gas Train)	V4295S 1013	
1 1/4" Normally Open Vent Valve (for 2 1/2" - 3" IRI Gas Trains)	V4295S 1021	

**POC** = proof of closure switch

# PARTS PRICE LIST L 3/1/16

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## REFRACTORY FOR ATMOSPHERIC BOILERS

Side Panels (See Next 2 Pgs.)

H	W	D	List Price
30"	11"	2 1/2"	
30"	15 or 16"	2 1/2"	
30"	19 or 20"	2 1/2"	
30"	21 or 22"	2 1/2"	
30"	25 or 26"	2 1/2"	
30"	28"	2 1/2"	

Side Panels (See Next 2 Pgs.)

H	W	D	List Price
34"	11"	2 1/2"	
34"	16"	2 1/2"	
34"	20"	2 1/2"	
34"	22"	2 1/2"	
34"	26"	2 1/2"	
34"	28"	2 1/2"	

Side Panels (See Next 2 Pgs.)

H	W	D	List Price
40"	16"	2 1/2"	
40"	20"	2 1/2"	
40"	22"	2 1/2"	
40"	26"	2 1/2"	
40"	27"	2 1/2"	
40"	28"	2 1/2"	

FRONT AND REAR REFRACTORY COMPONENTS	LIST PRICE
Front Firebox Door for 21 Tube (Models 15-42) Water and 15 # Steam	
Rear Refractory (Back) for 21 Tube (Models 15-42) 24"H X 14 1/2" W Water and 15 # Steam	
Front Firebox Door for 33 Tube (Models 48-76 & A90) Water and 15 # Steam	
Rear Refractory (Back) for 33 Tube (Models 48-76 & A90) 24" H X 19 1/2" Water & 15 # Steam	
Front Firebox Door for 53 Tube (Models 85-200 except "A" Prefix) Water and 15 # Steam	
Rear Refractory for 53 Tube (Models 85-200 except "A" Prefix) 22 3/4" X 26 1/4" Water & 15# Steam	
Front Firebox Door for 84 Tube (Models A150, A165, A180, A200, 225-500) Water Boilers	
Front Firebox Door for 84 Tube (Models A150S, A165S, A180, A200S, 225S-375S) 15# Steam	
Rear Refractory (Back) for 84 Tube (Models A150, A165, A180, A200, 225-500) 27"H X 34"W Water Boilers.	
Rear Refractory for 84 Tube (Models A150S, A165S, A180S, A200S, 225S-375S) 15# Steam	
Front Firebox Door for 122 Tube (Models 550, 600, A650, A700, A750) Water Boilers	
Front Firebox Door for 122 Tube (Models 400S thru 600S Except "A" Prefix, but including A650S, A700S, A750S) 15 # Steam Boilers	
Rear Refractory for 122 Tube (Models 550, 600, A650, A700, A750) 44" X 27" Water Boilers	
Rear Refractory (Back) for 122 Tube (Models 400S thru 600S Except "A" Prefix, but including A650S, A700S, A750S) 15 # Steam	
Front Firebox Door for 148 Tube (Models A400, A450, A500, A550, A600, 650, 700, 750) Water and 15 # Steam	
Rear Refractory (Back) for 148 Tube (Models A400, A450, A500, A550, A600, 650, 700, 750) Water and 15 # Steam (2) 27"H X 28"W	
Front Firebox Door for 188 Tube (Models 840-1250) Water and 15 # Steam	
Rear Refractory (Back) for 188 Tube (Models 840-1250) Water and 15 # Steam (2) 27" H X 34"W	
Front Firebox Door for P9.5- P20	
Rear Refractory (Back) for P9.5- P20 29" H X 24" W.	
Front Firebox Door for P25-P50	
Rear Refractory (Back) for P25-P50 29"H X 32"W	
Front Firebox Door for P75-P125	
Rear Refractory (Back) for P75-P125 (2) 24"H X 28"W	
Front Firebox Door for P150-P250	
Rear Refractory (Back) for P150-P250 (2) 34"H X 29 1/2"W	
SR-26 Fiberglass 3" X 4' Wide X 58' Long ( 1 Roll)	
Cerwool (Kaowool) 2300° F 1/2" X 24" Wide X 50' Long, 6 PCF (1 Box= 100 Square Feet)	
Cerwool (Kaowool) 2300° F 1" X 24" Wide X 25' Long, 6 PCF (1 Box= 50 Square Feet)	
Cerwool (Kaowool) 2600° F 2" X 24" Wide X 12 1/2' Long, 8 PCF (1 Box= 25 Square Feet)	
Rear Refractory Corner Blocks (2 per boiler—specify model)	
LDS Moldable (Wet) Ceramic Fiber in 12oz. tubes (Fits caulk gun)	

**Note:** Prices above include crating. Most shipments by truck, F.O.B. Commerce, CA.

PCF = pounds per cubic foot density

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**Boiler Serial Number required on all Parts Orders**

**SIZE CHART FOR REFRACTORY SIDE PANELS ATMOSPHERIC BOILERS**

**21 Tube Water & 15 PSI Steam Boilers**

MODEL	# of Panels & Size...30"H by...
15 (W or S)	(2) 11" W
20 (W or S)	(2) 16" W
25 (W or S)	(2) 20" W
30 (W or S)	(2) 26" W
36 (W or S)	(4) 16" W
42 (W or S)	(2) 22" & (2) 16" W

**33 Tube Water & 15 PSI Steam Boilers**

MODEL	# of Panels & Size...30"H by...
48 (W or S)	(2) 28"W
55 (W or S)	(2) 22" & (2) 11" W
63 (W or S)	(2) 22" & (2) 16" W
76 (W or S)	(2) 26" & (2) 20" W
A90(W or S)	(4) 20" & (2) 16" W

**53 Tube Water & 15 PSI Boilers**

MODEL	# of Panels & Size...30"H by...
85(W or S)	(2) 16" & (2) 15" W
90(W or S)	(4) 16" W
105(W or S)	(2) 22" & (2) 16" W
120(W or S)	(2) 28" & (2) 16" W
135(W or S)	(2) 28" & (2) 22" W

**53 Tube Boilers Cont....**

MODEL	# of Panels & Size...30"H by...
150(W or S)	( 2) 21" & (2) 20" & (2) 15"W
165(W or S)	(2) 26" & (2) 20" & (2) 16" W
180(W or S)	(4) 26" & (2) 16" W
200(W or S)	(4) 28" & (2) 19" W

**84 Tube Water Boilers**

MODEL	# of Panels & Size...30"H by...
A150W	(2) 22" & (2) 16" W
A165W	(4) 20" W
A180W	(2) 26" & (2) 21" W
A200W	(2) 21" & (2) 20" & (2) 11"W
225W	(4) 20" & (2) 16" W
250W	(2) 26" & (2) 20" & (2) 15" W
275W	(4) 26" & (2) 15" W
300W	(2) 28" & (2) 26" & (2) 19" W
325W	(2) 28" & (2) 26" & (2) 25" W
350W	(2) 26" & (6) 20" W
375W	(4) 26" & (2) 20" & (2) 19"W
400W	(6) 26" & (2) 19" W
425W	(8) 26" W
450W	(4) 26" & (2) 25" & (4) 16" W
475W	(2) 28" & (4) 26" & (2) 20" & (2) 15" W
500W	(4) 28" & (2) 26" & (4) 20" W

**84 Tube 15 PSI Steam**

MODEL	# of Panels & Size...34"H by...
A150S	(2) 22" & (2) 16" W
A165S	(2) 22" & (2) 20" W
A180S	(2) 26" & (2) 22" W
A200S	(2) 28" & (2) 22" W
225S	(2) 28" & (2) 26" W
250S	(6) 20" W
275S	(4) 26" & (2) 16" W
300S	(4) 26" & (2) 20" W
325S	(4) 28" & (2) 22" W
350S	(2) 26" & (6) 20" W
375S	(4) 26" & (4) 20" W

**Note:** # of Panels listed is for both sides. To replace one side, divide by 2.

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**Boiler Serial Number required on all Parts Orders**

**SIZE CHART FOR REFRACTORY SIDE PANELS ATMOSPHERIC BOILERS**

**122 Tube Water Boilers**

MODEL	# of Panels & Size...34"H by...
550W	(4) 26" & (2) 20" & (2) 16" W
600W	(2) 28" & (4) 26" & (2) 16" W
A650W	(4) 28" & (4) 26" W
A700W	(4) 28" & (2) 26" & (2) 20" & (2) 16" W
A750W	(6) 28" & (2) 22" & (2) 20" W

**122 Tube 15 PSI Steam**

MODEL	# of Panels & Size...40"H by...
400S	(2) 26" & (2) 20" & (2) 16" W
425S	(4) 26" & (2) 16" W
450S	(4) 28" & (2) 16" W
475S	(4) 28" & (2) 20" W
500S	(6) 27" W
550S	(4) 26" & (2) 22" & (2) 16"
600S	(6) 26" & (2) 27" W
A650S	(8) 22" & (2) 27" W
A700S	(8) 26" & (2) 20" W
A750S	(6) 27" & (4) 26" W

**148 Tube Water Boilers**

MODEL	# of Panels & Size...34"H by...
A400W	(4) 28" W
A450W	(4)22" & (2) 20" W
A500W	(4) 28" & (2) 16" W
A550W	(6) 26"
A600W	(2) 26" & (6) 20" W
650W	(4) 28" & (2) 22" & (2) 16" W
700W	(2) 28" & (4) 26" & (2) 20" W
750W	(6) 27" & (2) 28" W

**148 Tube 15 PSI Steam Boilers**

MODEL	# of Panels & Size...40"H by...
A400S	(4) 28" W
A450S	(4)22" & (2) 20" W
A500S	(4) 26" & (2) 20" W
A550S	(6) 22" & (2) 20" W
A600S	(2) 27" & (6) 22" W
650S	(6) 27" & (2) 20" W
700S	(8) 27" W
750S	(6) 28" & (4) 16" W

**188 Tube Water Boilers**

MODEL	# of Panels & Size...34"H by...
840W	(2) 28" & (2) 27" & (2) 22" & (2) 11"W
940W	(2) 22" & (8) 20" W
1050W	(2) 26" & (8) 22" W
1150W	(8) 26" & (2) 22" W
1250W	(8) 28" & (2) 26"

**188 Tube 15 PSI Steam Boilers**

MODEL	# of Panels & Size...40"H by...
840S	(4) 28" & (4) 20" W
940S	(4) 28" & (4) 26" W
1050S	(8) 26" & (2) 16" W
1150S	(8) 28" & (2) 20" W
1250S	(8) 26" & (4) 20" W

**150 PSI High Pressure Steam Boilers**

MODEL	# of Panels & Size...34"H by
P9.5 & P10	(2) 26" W
P15	(2) 20" & (2) 16" W
P20	(2) 26" & (2) 20" W
# of Panels & Size...40" H by...	
P25	(2) 20" & (2) 16" W
P35	(2) 28" & (2) 20" W
P48 & P50	(4) 26" & (2) 15" W

**150 PSI High Pressure Steam Cont....**

MODEL	# of Panels & Size...40" H by...
P75	(4) 22" & (2) 20" W
P100	(2) 26" & (6) 20" W
P125	(4) 28" & (4) 25" W
P150	(2) 28" & (2) 26" & (4) 20" W
P175	(2) 28" & (6) 27" W
P200	(8) 26" & (2) 20" W
P225	(10) 27"
P250	(6) 28" & (2) 22" & (4) 20" W

**Note:** # of Panels listed is for both sides. To replace one side, divide by 2.

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**Boiler Serial Number required on all Parts Orders**

## COMBUSTION CHAMBER WATER BOILERS POWER BURNER FIRED

MODEL Model #	REFRACTORY DOOR		CERAMIC FIBER SIDES (Both)		CERAMIC FIBER REAR	
	List \$	Weight	List \$	Weight	List \$	Weight
48W G <sub>2</sub> O or GO		300 #		160 #		55 #
55W G <sub>2</sub> O or GO		300 #		190 #		55 #
63W G <sub>2</sub> O or GO		300 #		210 #		55 #
76W G <sub>2</sub> O or GO		300 #		255 #		55 #
85W G <sub>2</sub> O or GO		500 #		210 #		65 #
90W G <sub>2</sub> O or GO		500 #		210 #		65 #
105W G <sub>2</sub> O or GO		500 #		250 #		65 #
120W G <sub>2</sub> O or GO		500 #		280 #		65 #
135W G <sub>2</sub> O or GO		500 #		320 #		65 #
150W G <sub>2</sub> O or GO		500 #		350 #		65 #
165W G <sub>2</sub> O or GO		500 #		390 #		65 #
180W G <sub>2</sub> O or GO		500 #		420 #		65 #
200W G <sub>2</sub> O or GO		500 #		480 #		65 #
A150W G <sub>2</sub> O or GO		700 #		260 #		85 #
A165W G <sub>2</sub> O or GO		700 #		280 #		85 #
A180W G <sub>2</sub> O or GO		700 #		320 #		85 #
A200W G <sub>2</sub> O or GO		700 #		345 #		85 #
225W G <sub>2</sub> O or GO		700 #		370 #		85 #
250W G <sub>2</sub> O or GO		700 #		405 #		85 #
275W G <sub>2</sub> O or GO		700 #		450 #		85 #
300W G <sub>2</sub> O or GO		700 #		490 #		85 #
325W G <sub>2</sub> O or GO		700 #		525 #		85 #
350W G <sub>2</sub> O or GO		700 #		560 #		85 #
375W G <sub>2</sub> O or GO		700 #		600 #		85 #
400W G <sub>2</sub> O or GO		1200 #		475 #		130 #
425W G <sub>2</sub> O or GO		1200 #		505 #		130 #
450W G <sub>2</sub> O or GO		1200 #		540 #		130 #
475W G <sub>2</sub> O or GO		1200 #		570#		130 #
500W G <sub>2</sub> O or GO		1200 #		600 #		130 #
550W G <sub>2</sub> O or GO		1200 #		665 #		130 #
600W G <sub>2</sub> O or GO		1200 #		725 #		130 #
A650W G <sub>2</sub> O or GO		1200 #		810 #		130 #
A700W G <sub>2</sub> O or GO		1200 #		870 #		130 #
A750W G <sub>2</sub> O or GO		1200 #		935 #		130 #
A400W G <sub>2</sub> O or GO		1900 #		455 #		160 #
A450W G <sub>2</sub> O or GO		1900 #		520 #		160 #
A500W G <sub>2</sub> O or GO		1900 #		575 #		160 #
A550W G <sub>2</sub> O or GO		1900 #		620 #		160 #
A600W G <sub>2</sub> O or GO		1900 #		670 #		160 #
650W G <sub>2</sub> O or GO		1900 #		720 #		160 #
700W G <sub>2</sub> O or GO		1900 #		770 #		160 #
750W G <sub>2</sub> O or GO		1900 #		825 #		160 #

**Note:** Weights are approximate. Prices above include crating. All shipments by truck, F.O.B Commerce, CA.

# PARTS PRICE LIST L 3/1/16

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**Boiler Serial Number required on all Parts Orders**

## COMBUSTION CHAMBER WATER BOILERS POWER BURNER FIRED ...CONTINUED...

MODEL Model #	REFRACTORY DOOR		CERAMIC FIBER SIDES (Both)		CERAMIC FIBER REAR	
	List \$	Weight	List \$	Weight	List \$	Weight
840W <u>G,O</u> or <u>GO</u>		2900 #		690 #		220 #
940W <u>G,O</u> or <u>GO</u>		2900 #		775 #		220 #
1050W <u>G,O</u> or <u>GO</u>		2900 #		865 #		220 #
1150W <u>G,O</u> or <u>GO</u>		2900 #		950 #		220 #
1250W <u>G,O</u> or <u>GO</u>		2900 #		1040 #		220 #

## COMBUSTION CHAMBER 15# STEAM BOILERS POWER BURNER FIRED

MODEL Model #	REFRACTORY DOOR		CERAMIC FIBER SIDES (Both)		CERAMIC FIBER REAR		REFRACTORY ARCH (Dutch Oven)	
	List \$	Weight	List \$	Weight	List \$	Weight	List \$	Weight
48S <u>G,O</u> or <u>GO</u>		350 #		175 #		40 #		375 #
55S <u>G,O</u> or <u>GO</u>		350 #		195 #		40 #		375 #
63S <u>G,O</u> or <u>GO</u>		350 #		215 #		40 #		375 #
76S <u>G,O</u> or <u>GO</u>		350 #		235 #		40 #		375 #
85S <u>G,O</u> or <u>GO</u>		650 #		255 #		65 #		500 #
90S <u>G,O</u> or <u>GO</u>		650 #		230 #		65 #		500 #
105S <u>G,O</u> or <u>GO</u>		650 #		260 #		65 #		500 #
120S <u>G,O</u> or <u>GO</u>		650 #		300 #		65 #		500 #
135S <u>G,O</u> or <u>GO</u>		650 #		335 #		65 #		500 #
150S <u>G,O</u> or <u>GO</u>		650 #		370 #		65 #		500 #
165S <u>G,O</u> or <u>GO</u>		650 #		405 #		65 #		500 #
180S <u>G,O</u> or <u>GO</u>		650 #		450 #		65 #		500 #
200S <u>G,O</u> or <u>GO</u>		650 #		495 #		65 #		500 #
A150S <u>G,O</u> or <u>GO</u>		750 #		275 #		85 #		625 #
A165S <u>G,O</u> or <u>GO</u>		750 #		305 #		85 #		625 #
A180S <u>G,O</u> or <u>GO</u>		750 #		340 #		85 #		625 #
A200S <u>G,O</u> or <u>GO</u>		750 #		365 #		85 #		625 #
225S <u>G,O</u> or <u>GO</u>		750 #		390 #		85 #		625 #
250S <u>G,O</u> or <u>GO</u>		750 #		430 #		85 #		625 #
275S <u>G,O</u> or <u>GO</u>		750 #		475 #		85 #		625 #
300S <u>G,O</u> or <u>GO</u>		750 #		520 #		85 #		625 #
325S <u>G,O</u> or <u>GO</u>		750 #		560 #		85 #		625 #
350S <u>G,O</u> or <u>GO</u>		750 #		595 #		85 #		625 #
375S <u>G,O</u> or <u>GO</u>		750 #		635 #		85 #		625 #

**Note:** Weights are approximate. Prices above include crating. All shipments by truck, F.O.B Commerce, CA.

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**Boiler Serial Number required on all Parts Orders**

## COMBUSTION CHAMBER 15# STEAM BOILERS POWER BURNER FIRED ...CONTINUED...

MODEL Model #	REFRACTORY DOOR		CERAMIC FIBER SIDES (Both)		CERAMIC FIBER REAR	
	List \$	Weight	List \$	Weight	List \$	Weight
400S <u>G, O</u> or <u>GO</u>		2225 #		520 #		130 #
425S <u>G, O</u> or <u>GO</u>		2225 #		550 #		130 #
450S <u>G, O</u> or <u>GO</u>		2225 #		580 #		130 #
475S <u>G, O</u> or <u>GO</u>		2225 #		610 #		130 #
500S <u>G, O</u> or <u>GO</u>		2225 #		650 #		130 #
550S <u>G, O</u> or <u>GO</u>		2225 #		685 #		130 #
600S <u>G, O</u> or <u>GO</u>		2225 #		790 #		130 #
A650S <u>G, O</u> or <u>GO</u>		2225 #		860 #		130 #
A700S <u>G, O</u> or <u>GO</u>		2225 #		925 #		130 #
A750S <u>G, O</u> or <u>GO</u>		2225 #		990 #		130 #
A400S <u>G, O</u> or <u>GO</u>		2875 #		475 #		160 #
A450S <u>G, O</u> or <u>GO</u>		2875 #		585 #		160 #
A500S <u>G, O</u> or <u>GO</u>		2875 #		595 #		160 #
A550S <u>G, O</u> or <u>GO</u>		2875 #		700 #		160 #
A600S <u>G, O</u> or <u>GO</u>		2875 #		755 #		160 #
650S <u>G, O</u> or <u>GO</u>		2875 #		815 #		160 #
700S <u>G, O</u> or <u>GO</u>		2875 #		865 #		160 #
750S <u>G, O</u> or <u>GO</u>		2875 #		930 #		160 #
840S <u>G, O</u> or <u>GO</u>		5000 #		805 #		205 #
940S <u>G, O</u> or <u>GO</u>		5000 #		900 #		205 #
1050S <u>G, O</u> or <u>GO</u>		5000 #		995 #		205 #
1150S <u>G, O</u> or <u>GO</u>		5000 #		1095 #		205 #
1250S <u>G, O</u> or <u>GO</u>		5000 #		1190 #		205 #

## COMBUSTION CHAMBER HIGH PRESSURE STEAM "P" BOILERS POWER BURNER FIRED

MODEL Model #	REFRACTORY DOOR		CERAMIC FIBER SIDES (Both)		CERAMIC FIBER REAR	
	List \$	Weight	List \$	Weight	List \$	Weight
P 9.5 <u>G, O</u> or <u>GO</u>		625 #		185 #		50 #
P10 <u>G, O</u> or <u>GO</u>		625 #		185 #		50 #
P15 <u>G, O</u> or <u>GO</u>		625 #		240 #		50 #
P20 <u>G, O</u> or <u>GO</u>		625 #		290 #		50 #
P25 <u>G, O</u> or <u>GO</u>		950 #		240 #		75 #
P35 <u>G, O</u> or <u>GO</u>		950 #		320 #		75 #
P48 <u>G, O</u> or <u>GO</u>		950 #		450 #		75 #
P50 <u>G, O</u> or <u>GO</u>		950 #		450 #		75 #
P75 <u>G, O</u> or <u>GO</u>		1750 #		460 #		125 #
P100 <u>G, O</u> or <u>GO</u>		1750 #		605 #		125 #
P125 <u>G, O</u> or <u>GO</u>		1750 #		755 #		125 #
P150 <u>G, O</u> or <u>GO</u>		3650 #		765 #		215 #
P175 <u>G, O</u> or <u>GO</u>		3650 #		880 #		215 #
P200 <u>G, O</u> or <u>GO</u>		3650 #		995 #		215 #
P225 <u>G, O</u> or <u>GO</u>		3650 #		1085 #		215 #
P250 <u>G, O</u> or <u>GO</u>		3650 #		1170 #		215 #

**Note:** Weights are approximate. Prices above include crating. All shipments by truck, F.O.B Commerce, CA.



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**Boiler Serial Number required on all Parts Orders****DRAFT DIVERTERS**

DESCRIPTION/ PART NUMBER	LIST PRICE
8" Draft Diverter	
9" Draft Diverter	
10" Draft Diverter	
11" Draft Diverter	
12" Draft Diverter	
14" Draft Diverter	
16" Draft Diverter	
18" Draft Diverter	
20" Draft Diverter	
22" Draft Diverter	
24" Draft Diverter	
26" Draft Diverter	

**BAROMETRIC DAMPERS**

DESCRIPTION/ PART NUMBER	LIST PRICE
8" Type MGI (Gas Only)	
9" Type MGI (Gas Only)	
10" Field Type M + MG2	
12" Field Type M + MG2	
14" Field Type M + MG2	
16" Field Type M + MG2	
18" Field Type M + MG2	
20" Field Type M + MG2	
24" Field Type M + MG2	
28" Field Type M + MG2	

**STACK AND DRAFT ACCESSORIES**

DESCRIPTION	PART NUMBER	LIST PRICE
Automatic Stack Dampers—Boiler Serial Number Dependent—Prices on Request		
Automatic Stack Damper Motor-- Small	TBF 120-S	
Automatic Stack Damper Motor-- Large	NFBUP-S	
Atmospheric Burner Flame Rollout Switch (Less metal standoff)	L4029E1011	
Draft Gauge (Less mounting hardware)	194969-00	
Draft Gauge with Mounting Hardware	194969-00 WH	
Red Gage Oil for manometers ¾ oz. dispenser bottle	A-101	
Magnehelic 0 to .25" w.c., with adjustable signal flag	2000-00 ASF	
Mounting Offset Enclosure for Magnehelic	A-299	
Draft Fan Proving Switch (Less mounting hardware)	AP5027-30	
Draft Spill Switch (Manual reset)	01170004	
Stack Thermometer 3" dial face, ½" Back Mounted, 6" stem length, 150-750° F. range	B309965-6	
High Stack Temperature Cut-off Switch 200-550° F M.R.	A19EDB-4C	

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**Boiler Serial Number required on all Parts Orders****CONDENSATE RETURN / BOILER FEED TANK PARTS**

DESCRIPTION	PART NUMBER	LIST PRICE
Boiler Feed Pump ½ HP Turbine, 120-240/1, for 3-60 Boiler H.P. 15 PSI Low Pressure Steam Boilers, ODP Motor (Indoor rated)	T41J-BF	
Boiler Feed Pump ½ HP Turbine, 120-240/1, for 3-60 Boiler H.P. 15 PSI Low Pressure Steam Boilers, ODP Motor (Outdoor rated)	T41J-BF TEFC	
Feed Pumps for High Pressure Steam Boilers and 15 PSI Low Pressure Steam Boilers Greater than 60 Boiler Horse Power	Job Specific Serial Number Required	
Thermometer, Round Bi-metal 0-250°F. 4" Stem	B309954-4	
Gauge Glass 5/8" X 22" long	9859R22	
Gauge Glass Valves (Set includes upper and lower valves)	20-151-00	
½" Brass Float Valve (Max. Inlet Pressure 50 PSI)	3050	
¼" Stainless Steel Float Rod Linkages, Cotter Pin and Bushing	S/N Required	
5" Copper Float Ball	C03-5021-14RPT	
½" Brass Sparge Tube for CR-50 or CR-100		
½" Brass Sparge Tube for CR-250 and Larger Models		
½" Steam Temperature Control Valve for Sparge Tube (For 125 PSI Max. Steam Supply Pressure)	D150F 150-190F	
½" Brass Wye Strainer Upstream of Steam Temperature Control Valve	LF777 SI	
Definite Purpose Contactor, 20AMP, Single phase, 1/3 - 1/2 HP motor	DP2020B5039	
Pump Contactor, 3 Pole, 9 AMP, for Single and Three Phase Motors	LC1D09G7	
Pump Contactor, 3 Pole, 12AMP, for Single and Three Phase Motors	LC1D12G7	
Pump Contactor, 3 Pole, 18 AMP, for Single and Three Phase Motors	LC1D18G7	
Pump Contactor Overload Relays for Single and Three Phase Motors	LR-----	
2 Position Rotary Switch and Contact Block for ON-OFF and Hand/Auto	SS02-ASHWE-NC	
3 Position Rotary Switch and Contact Block for "Hand-Off-Auto"	SS03-ASHWE-NONO	
1" Green LED Pump-On Indicating Light	NHDN D22-G-120	
Alternating Relay for Duplex Pumps	261DT120	
Alternating Relay Mounting Sub Base	51X016	

**BLOWDOWN TANK PARTS & ACCESSORIES**

DESCRIPTION	PART NUMBER	LIST PRICE
¾" Temperature Regulating Valve for Aftercooler Assembly	V47AC-3C	
1" Temperature Regulating Valve for Aftercooler Assembly	V47AD-2C	
Gauge Glass Valve Set with 5/8" X 12" Gauge Glass	20-151-00	
Pressure Gauge, 0-30 p.s.i., 4 ½" Dial, with ¼" Siphon Loop	P4598L-03-Rite	
Bimetal Thermometer, 0-250° F., 3" Dial, ½" Back Mounted	B309954-4	
Bimetal Thermometer, 0-250° F., 2" Dial, ½" Back Mounted for aftercoolers	B209854-4	
2" Bottom Flushing Drain Valve, Full Port	JF100-108	
<b>After Cooler Assemblies: Tank Model or Serial Number Dependent--- Price on Request</b>		

**CHEMICAL FEED PARTS & ACCESSORIES**

DESCRIPTION	PART NUMBER	LIST PRICE
48 Lbs. Pail of Rite Chemical Treatment	BT-489	
Chemical Feed Pump	B115X1KFC	
Stainless Steel Sample Cooler	LBS SS	
Chemical Test Kit	Q1410 166	
Twin Water Softener with ¾" Connections and Brine Tank	RIT00-9489000	

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**Boiler Serial Number required on all Parts Orders****LIME LITE HEAT EXCHANGER PARTS**

DESCRIPTION/ PART NUMBER	LIST PRICE
Anodes (Threaded) All Lengths	
5/8" I.D. Rubber "O" Rings for Pressure Plate Backwelded Studs	
1 1/4" I. D. Rubber "O" Rings for Copper Tube Seals	
5/8" SAE Flat Washers for 5/8" Backwelded Studs	
5/8" N. C. Jam Nuts for Back-welded Studs	
1 1/4" SB 75 Copper Heat Exchanger Tubes	Not Available
Copper Wire Through-Tube-Ends	Price per foot
Front Headplate Baffle Divider Gasket Strip	

**MAINTENANCE**

DESCRIPTION	LIST PRICE
Pilley "Tight Fit" Heavy Duty 2" Tube Cleaning Brush (1.81" O.D.) P/N 5550181 1/4" FNPT	
Pilley "Loose Fit" Heavy Duty 2" Tube Cleaning Brush (1.75" O.D.) P/N 5550175 1/4" FNPT	
Boiler Tubes: 2" O.D. (1.81" I.D.) SA 178A 13 Gauge Steel	Price per foot
Anodes (Welded Bracket) All Lengths	
Headplate Bolts 5/8"-11 for Water and 15 # Steam Boilers	
Headplate Bolts 3/4"-10 for Water and 15# Steam Boilers	
Headplate Bolts 3/4"-10 SA 354 for High Pressure Steam "P" Boilers	
4 oz. Anti Seize Lubricant for Headplate Bolts Section 4 Boiler Headplate Bolts	
4 oz. Armitite Lead Based Anti Seize Lube for High Pressure Steam Headplate Bolts	
Rite Metallic Blue <b>Lacquer</b> Aerosol Spray Paint for touch-up only (7.5 oz. jar)	
Rite Metallic Blue <b>Polyurethane</b> Paint and Catalyst	
Door Gaskets for Power Burner Fired Door Jambs (2) 50" Gaskets	
Power Burner Mounting Flange Rope Gasket (All sizes)	
LDS Moldable (Wet) Ceramic Fiber in 12oz. tubes (Fits caulk gun)	
Rear Flame Observation Port Glass, 2" High Temp. round glass (for boilers after 5/2007)	

FNPT = Female Pipe Thread Connection

**TUBE MAINTENANCE RENTAL EQUIPMENT**

DESCRIPTION	RENTAL*	LIST PRICE
Electric Tube Roller 120VAC with Expander and Mandrel, Electric Die Grinder, Hammer, Tube Stub Removal Punch, Tube Rolling Grease and Re-tubing Instructions. Cutting torch & hand tools not included.	1- 60 Tubes	
	61-150 Tubes	
	151 and up	
Heavy-duty waterside tube cleaning machine, 3/4 H.P., 120 VAC, with cutting attachments. Requires hose water connection.	per boiler	

**INSTRUCTION MANUALS**

DESCRIPTION	LIST PRICE
Installation & Operation Manual for <b>Atmospheric Boilers</b> with Parts List & Wiring Diagram	
Same as Above; <i>Except</i> with Literature on All Major Controls (As available)	
Same as Above as .pdf files on CD	
Installation & Operation Manual for Atmospheric Boilers available online at: <a href="http://www.riteboiler.com/literature.php">www.riteboiler.com/literature.php</a>	Free
Installation & Operation Manuals for <b>Power Burner Fired Boilers</b> with Parts List & Wiring Diagram	
Same as Above; <i>Except</i> with Literature on All Major Controls (As available)	
Same as Above as .pdf files on CD	

**Note:** If power burner fired boilers are older than five years, O & M manual is slightly higher.