

CRN#

NATL.BD#

SERIAL#

Reimers®
 Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RX60E3F

MODEL R-60

POWER SUPPLY WIRE SIZE 3/0

POWER VOLTS 240

CONTROL VOLT 120

PHASE 3

HZ 60

MAX. W.P. 100

KILOWATTS 60

**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**

DATE (M/D/Y) 4 / 16 / 20 15

UL FILE # E39545

WIRING DIAGRAM # 07.X.20.50.60.74.80.REV 5
90.123.174.190

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ☒ UNSAT

PERFORMED BY BSB DATE 4/16/15

HYDRO TEST OF
COMPLETE BOILER

P.S.I.G. 100

PERFORMED BY DC
DATE 4/16/15

HEATING ELEMENT TEST

VOLTS 240

AMPS 137.4

TOTAL WATT 60K

CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN N/A AUTO ☒
3. TRANSFORMER N/A
4. CONDENSATE TANK N/A
5. CONTROLS ☒
6. FEED WATER VALVES ☒
7. INSTRUCTION MANUAL ☒
8. LEAK INSPECTION ☒
9. PAINT ☒
10. PANEL ☒
11. PIPES ☒
12. SHEET METAL ☒
13. STEAM VALVE ☒
14. STEAM GAUGE ☒
15. STRAINER ☒
16. CHECK TORQUE ON TERMINAL STRIPS,
CONTACTORS AND FUSE BLOCKS ☒
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS ☒
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY. 3
22. ELEMENT VOLT/KW 240/20
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ☒

DATE 4/16/15

MANUFACTURER CONBRACO

Model # 29-202A-100

STEAM BOILER ☒HOT WATER BOILER ☐

MAX. W. P. 100 PSIG (VALVE ASME PLATE)

MAX. W. P. PSIG (VALVE ASME PLATE)

CAPACITY 423 PPH (VALVE ASME PLATE)

CAPACITY BTU/HR (VALVE ASME PLATE)

SIZE 1/2 IN

SIZE IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 210 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) BTU/HR

MAX. TEMPERATURE °F

OPERATIONAL TEST		SETTING	DATE	MANUFACTURER	MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET	N/A	X				
MANUAL RESET	B. Butts	X	4/16/15	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	B. Butts	90	4/16/15	TECMARK	3155-ED	04296
OPERATING #1	B. Butts	80	4/16/15	TECMARK	3156-EC	04163
OPERATING #2	B. Butts	75	4/16/15	TECMARK	3156-EC	04163
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTS

DATE 4/16/15 Signature Brad Butts

Representing Installer Contractor (Name)

DATE Signature



0030753

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Work Order Traveler

SCHEDULED START: 03/20/15

DUE DATE: 03/26/15

QUANTITY: 3.00 1.00

UNIT OF MEASUREMENT: EA

0030753

ITEM NUMBER: **RX60E3F**
DESCRIPTION: **BOILER R 60KW 240V 3PH 100# SA**
REVISION: 001
OPTION CODE:

MAKE FOR: I/M
PLANNER:



0030753

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DESCRIPTION: **BOILER R 60KW 240V 3PH 100# SA**
REVISION: 001
OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
3	02618	BLOCK POWER DISTRIBUTION 3/500	9	02142	FUSE BLOCK 250V 60A 3P UL/CSA
3	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	3	02420	GAUGE GLASS 5.875"X.625" PYREX
3	20350-14	BRACE SOLENOID R MODEL 24-80 /	3	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL
9	04167	BUSHING .5" X .125" HEX BLACK	3	02522	GAUGE PROTECTOR 6" U-SHAPE
3	01128	BUSHING .5X.25 HEX BLACK FORGE	3	04692	GROUND STRAP #4 BRAIDED
3	01124	BUSHING .75" X .5" HEX BLACK M	69	02030	INSULATION 2" X 48" X 100' FIB
3	01121	BUSHING 1" X .5" HEX BLACK MAL	6	02951	KNOCKOUT SEAL .5" COND 7/8" HO
3	01118	BUSHING 1.25" X 1" HEX BLACK M	3	20861	LABEL MAX. TORQUE 10. LB IN/O
6	04528	CABLE TIE MOUNT	3	04301	LABEL NAMEPLATE UL/CSA 3.48 X
3	03089	CARTON 42W 54L 36.75 5000 TEST	45	01345	LOCKWASHER .3125" SPRING/SPLIT
3	02207	CEILING PLATE 1.25" PIPE SIZE	6	04522	NIPPLE .5 X 1.5" BRASS
5	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	9	02788	NIPPLE .5" X 2" BLACK EH SA-10
18	02244	CONDUIT ALFLEX type SWA 1.25"	3	02791	NIPPLE .5" X 3.5" BLACK EH
8	02240	CONDUIT ALFLEX type SWA .375"	3	02792	NIPPLE .5" X 4" BLACK EH
12	02246	CONDUIT CONNECTOR .375" 90 DEG	3	02796	NIPPLE .5" X 6" BLACK EH
6	02252	CONDUIT CONNECTOR .375" STR	3	04526	NIPPLE .5" X 6" BRASS SB43 GRO
6	02249	CONDUIT CONNECTOR 1" X 90 DEG.	18	02786	NIPPLE .5" X CLOSE BLACK EH SA
12	02250	CONDUIT CONNECTOR 1.25" 90 DEG	3	02807	NIPPLE .75" X 9" BLACK EH SA-1
12	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	6	01180	NIPPLE .75" X CLOSE BLACK EH S
3	03445	CONTACTOR 35A 120V 3P UL/CSA	3	02806	NIPPLE .75"X6" BLACK EH
9	02539	CONTACTOR 75A 120V 3P UL/CSA	3	02802	NIPPLE .75X4 BLACK EH SCH80 SA
3	20838	CONTROLLER 04316-EBG-LED	3	01217	NIPPLE 1" X 4" BLACK EH SA-106
3	03021	COUPLING FULL .5" NPT 3000# SA	3	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
3	02988	CROSS .5" BLACK MALLEABLE IRON	3	02820	NIPPLE 1.25X4 BLACK EH
3	04525	CROSS .5" BRASS B62 C836	63	01221	NUT .3125-18 HEX MACH. SCREW Z
3	04229	DECAL SHEET	36	01168	NUT .625"-11 HEAVY HEX STEEL A
3	01162	ELBOW .25" BRASS FEMALE SB62 C	12	01147	PIPE PLUG .5" SQUARE HEAD FRGD
9	01094	ELBOW .5" X 90 DEG. BLACK MALL	3	04776	PIPE PLUG .75" NPT COUNTERSUNK
12	01133	ELBOW .5X90 DEG. STREET BLACK	3	01173	PIPE PLUG .75" SQ HEAD BLACK S
3	01095	ELBOW .75" X 90 DEG. BLACK MAL	6	04163	PRESSURE CONTROL 60# OPERATING
3	01097	ELBOW 1.25" X 90 DEG. BLACK MA	3	04296	PRESSURE CONTROL 90# HI LIMIT
6	02997	ELBOW STREET .25" 90 DEG. SB62	3	02063	PRESSURE CONTROL MANIFOLD R-24
3	20292-14A	ELECTRIC BOX SUPPORT 35 X1.5"	3	02329	PRESSURE GAUGE 2.5" 160#MT23
3	20084B	ELECTRICAL ENCLOSURE 26" X 30"	3	20062A	PROBE COVER R36-120
3	20757	ELECTRICAL PNL ASSY R36-120 LE	12	01246	SCREW 8-32X.375RHD MCH PLT SL
9	02601	ELEMENT 240V 20KW 3P SS 304 SH	3	R-80A	SHELL R70-80 (COMPLETE NEW)
3	03049	FLANGE 2" BLIND 150# A-105	3	SKID22	SKID BOILER NEW R-RHRC 24-80
12	02022	FLANGE GASKET 2" RING	6	04529	STANDOFF HEX 1.5" X .375" FOR
3	02125	FUSE 250V 15A UL/CSA	3	03325	STRAINER .5" Y SB-62 UNS C8360
3	03470	FUSE 250V 3A UL/CSA	9	04213	SWITCH ILLUMINATED RED W/WHITE
3	02655	FUSE 250V 5A UL/CSA	6	04400	SYPHON TUBE .25" BRASS SB43 GR
27	02127	FUSE 250V 60A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
15	01104	TEE .5" BLACK MALLEABLE IRON 1			
6	04523	TEE .5" BRASS SB62 C836			
6	01103	TEE .75" BLACK MALLEABLE IRON			
3	04564	TEE REDUCING BRASS .5" X .5" X			
27	02176	TERMINAL LUG #8 HOMAC UL/CSA			
1	04276	TERMINAL STRIP 300V 35A 10-22			
3	03818	TICKET HOLDER FOR SHOP CLEAR F			
3	01088	UNION .5" BLACK MALLEABLE IRON			
3	02490	VALVE BALL .5" 200# SWP			
3	03802	VALVE BALL .75" W/LATCH 200# S			
3	02515	VALVE BALL 1" 200 SWP SB584 CS			
3	02462	VALVE CHECK .5" 125# SWP SWING			
3	02692	VALVE CHECK .5" BALL CONE SPRIN			
3	03254	VALVE GAUGE TEST .25" SB584 C			
3	02637	VALVE SAFETY .5" 100# SWP 1" O			
3	02301	VALVE SOLENOID .5" 120V 60 HZ			
3	02396	WATER GAUGE SET STANDARD SHANK			
30	04439	WIRE #18 TGGT 600V 250C UL/CSA			
3	02209SS	WRAPPER END 20" 20103REV.B 16G			
3	20843	WRAPPER END 20" W/2" HOLE			
3	20054A	WRAPPER R24-80 (NEW)			
		OPT1016			
		OPT1024-R			

Reversed elements
see status order