

CRN# _____

NATL.BD# _____

SERIAL# _____

Reimers®
Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RXH72C3FMODEL RH-70POWER SUPPLY WIRE SIZE 250POWER VOLTS 208CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 72CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 4 / 22 / 20 15UL FILE # E39545WIRING DIAGRAM # 04.12.20.50.60.71.X. REV 5
90.128.175.192

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ✓ UNSAT _____
PERFORMED BY BSB DATE 4/22/15HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100
PERFORMED BY OL
DATE 4/22/15

HEATING ELEMENT TEST

VOLTS 208AMPS 199.9TOTAL WATT 72K TEST 240 V 222A

CHECKOUT

1. APPEARANCE ✓
2. BLOWDOWN MAN ✓ AUTO N/A
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. 4
22. ELEMENT VOLT/KW 208/18
23. NAMEPLATE ✓
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ✓DATE 4/22/15MANUFACTURER CONBRACOModel # 29-202A-100STEAM 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) 252 PPH

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

MAX. TEMPERATURE _____ °F

	OPERATIONAL TEST	SETTING
LOW WATER CUTOFF	PERFORMED BY	PSI/°F
AUTO RESET	<u>N/A</u>	<u>X</u>
MANUAL RESET	<u>B. Butts</u>	<u>X</u>
PRESSURE CONTROLS		
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>
OPERATING #1	<u>B. Butts</u>	<u>80</u>
OPERATING #2	<u>B. Butts</u>	<u>75</u>
TEMPERATURE CONTROLS		
HIGH LIMIT	<u>N/A</u>	
OPERATING CONTROL		

DATE	MANUFACTURER	MODEL #	PART#
<u>4/22/15</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<u>4/22/15</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
<u>4/22/15</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
<u>4/22/15</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 4/22/15 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0030882

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Work Order Traveler

SCHEDULED START: 04/14/15

DUE DATE: 04/16/15

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0030882

ITEM NUMBER: **RXH72C3F**
DESCRIPTION: **BOILER RH 70 208V 3PH 100# SAF**
REVISION: 001
OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02618	BLOCK POWER DISTRIBUTION 3/500	2	02951	KNOCKOUT SEAL .5" COND 7/8" HO
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	1	20861	LABEL MAX TORQUE 10 LB IN/0
3	04167	BUSHING .5" X .125" HEX BLACK	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	01128	BUSHING .5X.25 HEX BLACK FORGE	15	01345	LOCKWASHER .3125" SPRING/SPLIT
1	01124	BUSHING .75" X .5" HEX BLACK M	2	04522	NIPPLE .5" X 1.5" BRASS
1	01121	BUSHING 1" X .5" HEX BLACK MAL	2	02787	NIPPLE .5" X 1.5" BLACK EH SA-
1	01118	BUSHING 1.25" X 1" HEX BLACK M	4	02788	NIPPLE .5" X 2" BLACK EH SA-10
2	04528	CABLE TIE MOUNT	2	02789	NIPPLE .5" X 2.5" BLACK EH SA-
1	03089	CARTON 42W 54L 36.75 500# TEST	1	02790	NIPPLE .5" X 3" BLACK EH SA-10
1	02207	CEILING PLATE 1.25" PIPE SIZE	1	02792	NIPPLE .5" X 4" BLACK EH
6	02244	CONDUIT ALFLEX type SWA 1.25"	1	02796	NIPPLE .5" X 6" BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
4	02246	CONDUIT CONNECTOR .375" 90 DEG	1	02786	NIPPLE .5" X CLOSE BLACK EH SA
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	02807	NIPPLE .75" X 9" BLACK EH SA-1
1	02747	CONDUIT CONNECTOR 90 DEG.375"d	2	01180	NIPPLE .75" X CLOSE BLACK EH S
4	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	1	02806	NIPPLE .75X6" BLACK EH
1	03445	CONTACTOR 35A 120V 2P UL/CSA	1	02802	NIPPLE .75X4 BLACK EH SCH80 SA
4	02539	CONTACTOR 75A 120V 3P UL/CSA	1	01217	NIPPLE 1" X 4" BLACK EH SA-106
1	20838	CONTROLLER 04316-EBC-LED	1	02817	NIPPLE 1.25 X CLOSE BLACK EN/IV
1	03021	COUPLING FULL .5" NPT 3000# SA	1	02820	NIPPLE 1.25X4 BLACK EH
1	04525	CROSS .5" BRASS B62 C836	21	01221	NUT .3125-18 HEX MACH. SCREW Z
1	04229	DECAL SHEET	16	01168	NUT .625"-11 HEAVY HEX STEEL A
3	01094	ELBOW .5" X 90 DEG. BLACK MALL	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
3	01133	ELBOW .5X90 DEG. STREET BLACK	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	01095	ELBOW .75" X 90 DEG. BLACK MAL	1	01173	PIPE PLUG .75" SQ HEAD BLACK S
1	01097	ELBOW 1.25" X 90 DEG. BLACK MA	2	04163	PRESSURE CONTROL 60# OPERATING
2	02997	ELBOW STREET .25" 90 DEG. SB62	1	04296	PRESSURE CONTROL 90# HI LIMIT
1	20292-14A	ELECTRIC BOX SUPPORT 35 X1.5"	1	20763	PRESSURE CONTROL MANIFOLD R-24
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	1	02329	PRESSURE GAUGE 2.5" 160#MT23
1	20757	ELECTRICAL PNL ASSY R36-120 LE	1	20062A	PROBE COVER R36-120
4	02190	ELEMENT 208V 18KW 3P SS 304 SH	1	20767	PUMP 05008+02301 ASSY RH24-120
4	02022	FLANGE GASKET 2" RING	1	20343-4	PUMP PLATE RH 24-120 5 X8
1	02125	FUSE 250V 15A UL/CSA	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
1	02655	FUSE 250V 5A UL/CSA	1	R-80A	SHELL R70-80 (COMPLETE NEW)
12	02127	FUSE 250V 60A UL/CSA	1	SKID2A	SKID BOILER NEW R:RHRC 24-80
3	04281	FUSE BLK COVER 250V 60A 1P UL/	2	04529	STANDOFF HEX 1.5" X .375" FOR
4	02142	FUSE BLOCK 250V 60A 3P UL/CSA	4	04213	SWITCH ILLUMINATED RED W/WHITE
1	02420	GAUGE GLASS 5.875"X.625" PYREX	2	04400	SYPHON TUBE .25" BRASS SB43 GR
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
1	02522	GAUGE PROTECTOR 6" U-SHAPE	5	01104	TEE .5" BLACK MALLEABLE IRON 1
1	04692	GROUND STRAP #4 BRAIDED	2	04523	TEE .5" BRASS SB62 C836
23	02030	INSULATION 2" X 48" X 100' FIB	2	01103	TEE .75" BLACK MALLEABLE IRON



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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	04564	TEE REDUCING BRASS .5" X .5" X			
12	02176	TERMINAL LUG #8 HOMAC UL/CSA			
0	04276	TERMINAL STRIP 300V 35A 10-22			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			
1	01088	UNION .5" BLACK MALLEABLE IRON			
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	02515	VALVE BALL 1" 200 SWP SB584 C8			
1	03254	VALVE GAUGE TEST .25" SB584 C			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
1	02396	WATER GAUGE SET STANDARD SHANK			
10	04439	WIRE #18 TGGT 600V 250C UL/CSA			
1	02209SS	WRAPPER END 20" 2010REV.B 16G			
1	20843	WRAPPER END 20" W/2" HOLE			
1	20054A	WRAPPER R24-80 (NEW)			