

CRN# _____

NATL.BD# 72600SERIAL# 74587**Reimers®**
Electra Steam, Inc.

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NAMEPLATE RATINGS:

PART NUMBER RX72K3A
 MODEL R-70
 POWER SUPPLY WIRE SIZE 2
 POWER VOLTS 480
 CONTROL VOLT 120
 PHASE 3
 HZ 60
 MAX. W.P. 100
 KILOWATTS 72

**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 3 / 2 / 20 15UL FILE # E39545WIRING DIAGRAM # 04.12.20.50.60.70.X.90. REV 5
130.175.190.

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

 VOLTS 2400 SAT L UNSAT _____
 PERFORMED BY END DATE 3/2/15
HYDRO TEST OF
COMPLETE BOILER
 P.S.I.G. 15
 PERFORMED BY DC
 DATE 3/1/15

HEATING ELEMENT TEST

VOLTS 480AMPS 86.4TOTAL WATT 72K

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 480/18
23. NAMEPLATE ✓
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ✓DATE 3/2/15MANUFACTURER CONBRACOModel # 29-202A-100STEAM BOILER ☒HOT WATER BOILER ☐MAX. W. P. 15 PSIG (VALVE ASME PLATE)

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

CAPACITY 310 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 3/4 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

DATE

MANUFACTURER

MODEL #

PART#

AUTO RESET

N/A

X

MANUAL RESET

B. Butts

X

3/2/15

REIMERS

04316

04316

PRESSURE CONTROLS

HIGH LIMIT

B. Butts13.53/2/15

TECMARK

3160-EQ05077

OPERATING #1

B. Butts103/2/15

TECMARK

3160-EP04162

OPERATING #2

B. Butts93/2/15

TECMARK

3160-EP04162

TEMPERATURE CONTROLS

HIGH LIMIT

N/A

OPERATING CONTROL

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

Representing Installer Contractor (Name) _____

DATE 3/2/15 Signature Brad Butts

DATE _____ Signature _____



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Work Order Traveler

SCHEDULED START: 02/03/15

DUE DATE: 02/04/15

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0030387

ITEM NUMBER: **RX72K3A**
DESCRIPTION: **BOILER R 72KW 480V 3PH 15# SAF**
REVISION: 001
OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02618	BLOCK POWER DISTRIBUTION 3/500	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	15	01345	LOCK WASHER .3125" SPRING/SPLIT
1	20350-14	BRACE SOLENOID R MODEL 24-80 /	2	04522	NIPPLE .5" X 1.5" BRASS
1	01128	BUSHING .5X.25 HEX BLACK FORGE	2	02788	NIPPLE .5" X 2" BLACK EH SA-10
1	01124	BUSHING .75" X .5" HEX BLACK M	1	02792	NIPPLE .5" X 4" BLACK EH
1	01121	BUSHING 1" X .5" HEX BLACK MAL	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	04528	CABLE TIE MOUNT	6	02786	NIPPLE .5" X CLOSE BLACK EH SA
1	03089	CARTON 42W 54L 36.75 500W TEST	1	01181	NIPPLE .75" X 3.5" BLACK EH SA
1	02207	CEILING PLATE 1.25" PIPE SIZE	1	02807	NIPPLE .75" X 9" BLACK EH SA-1
4	02244	CONDUIT ALFLEX type SWA 1.25"	2	01180	NIPPLE .75" X CLOSE BLACK EH S
3	02240	CONDUIT ALFLEX type SWA .375"	1	02806	NIPPLE .75"X6" BLACK EH
4	02246	CONDUIT CONNECTOR .375" 90 DEG	1	02802	NIPPLE .75X4 BLACK EH SCH80 SA
2	02252	CONDUIT CONNECTOR .375"STR	1	02805	NIPPLE .75X5.5 BLACK EXHEAVY
4	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	02817	NIPPLE 1.25 X CLOSE BLACK EXHV
4	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	1	02820	NIPPLE 1.25X4 BLACK EH
1	03445	CONTACTOR 35A 120V 2P UL/CSA	21	01221	NUT .3125-18 HEX MACH. SCREW Z
4	02530	CONTACTOR 50A 120V 3P UL/CSA	16	01168	NUT .625-11 HEAVY HEX STEEL A
1	20838	CONTROLLER 04316-EB-C-LED	2	01147	PIPE PLUG .5" SQUARE HEAD FRGD
1	03022	COUPLING FULL .75" NPT SAI05	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
1	04525	CROSS .5" BRASS B62 C836	1	01173	PIPE PLUG .75" SQ HEAD BLACK S
1	04229	DECAL SHEET	1	05077	PRESSURE CONTROL 13.5# HIGH LI
1	01162	ELBOW .25" BRASS FEMALE SB62 C	2	04162	PRESSURE CONTROL 5# OPERATING
2	01133	ELBOW .5X90 DEG. STREET BLACK	1	20763	PRESSURE CONTROL MANIFOLD R-24
1	01095	ELBOW .75" X 90 DEG. BLACK MAL	1	02451	PRESSURE GAUGE 2.5" 0-30#
1	01097	ELBOW 1.25" X 90 DEG. BLACK MA	1	20062A	PROBE COVER R36-120
1	20292-14A	ELECTRIC BOX SUPPORT 35 XL.5"	4	01246	SCREW 8-32X.375RDHD MCH PLT SL
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	1	R-80A	SHELL R70-80 (COMPLETE NEW)
1	20757	ELECTRICAL PNL ASSY R36-120 LE	1	SKID2A	SKID BOILER NEW R:RHRHC 24-80
4	02188	ELEMENT 480V 18KW 3P SS 304 SH	2	04529	STANDOFF HEX 1.5" X .375" FOR
4	02022	FLANGE GASKET 2" RING	1	03325	STRAINER .5" V SB-62 UNS C8360
1	03470	FUSE 250V 3A UL/CSA	4	04213	SWITCH ILLUMINATED RED W/WHITE
1	02655	FUSE 250V 5A UL/CSA	1	20084B-8	SWITCH PANEL FOR ELECTRICAL EN
12	02134	FUSE 600V 30A UL/CSA	2	04400	SYPHON TUBE .25" BRASS SB43 GR
3	04282	FUSE BLK COVER 600V 30A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
4	02613	FUSE BLOCK 600V 30A 3P UL/CSA	2	01104	TEE .5" BLACK MALLEABLE IRON I
1	02420	GAUGE GLASS 5.875"X.625" PYREX	2	04523	TEE .5" BRASS SB62 C836
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	2	01103	TEE .75" BLACK MALLEABLE IRON
1	02522	GAUGE PROTECTOR 6" U-SHAPE	1	04564	TEE REDUCING BRASS .5" X .5" X
1	04692	GROUND STRAP #4 BRAIDED	12	02176	TERMINAL LUG #8 HOMAC UL/CSA
23	02030	INSULATION 2" X 48" X 100' FIB	0	04276	TERMINAL STRIP 300V 35A 10-22
2	02951	KNOCKOUT SEAL .5" COND 7/8" HO	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	20861	LABEL MAX. TORQUE 10. LB IN /O	1	02490	VALVE BALL .5" 200# SWP



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QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	03209	VALVE BALL 1.25" 200#SWP SB584			
1	02462	VALVE CHECK .5" 125# SWP SWING			
1	02692	VALVE CHECK .5" BALLCONE SPRIN			
1	03254	VALVE GAUGE TEST .25" SB584 C			
1	02010	VALVE SAFETY .75" 15# SWP 1" O			
1	02301	VALVE SOLENOID .5" 120V 60 HZ			
1	02396	WATER GAUGE SET STANDARD SHANK			
10	04439	WIRE #18 TGGT 600V 250C UL/CSA			
1	02209SS	WRAPPER END 20" 20103REV.B 16G			
1	20843	WRAPPER END 20" W/2" HOLE			
1	20054A	WRAPPER R34-80 (NEW)			