

CRN-8-9997.51642

CRN# _____

NATBLD# 56756 SERIAL# 58574

MODELRX100M3F
WIRE DIAG.....W
WIRE SIZE.....8
HZ.....60
VOLTS.....600
CONTROL VOLT....120.
PHASE....3
PRESSURE..... 80
KILOWATTS...100
CAPACITY 348 BPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 08/03 2001
VOLTS 600 AMPS 96 TOTAL WATTS 100 000
PRESSURE 80 DIFF 5

HEATER VOLTS _____

KW _____

PH _____ HZ _____

Reimers Electra Steam, 4407 Matrinsburg, Pike
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

APPEARANCE _____
BLOWDOWN MAN _____ AUTO _____
CONDENSATE TANK _____
CONDENSATE & PIPE, ECT _____
CONTROLS _____
ELEMENT _____
FEED HEATER VALVES _____
INSTRUCTION BOOK _____
LEAK INSPECTION _____
PAINT _____
PANEL _____
PIPES _____
PRESSURE CONTROLS _____
SHEET METAL _____
STEAM VALVE _____
STEAM GAUGE _____
STRANIER _____
WARNING TAGS _____
WATER GAUGE FITTINGS _____
WIRE TERMINALS TIGHT _____
WIRING DIA. _____
ELEMENT QTY. _____
ELEMENT VOLT/KW _____
JURISDICTION = VA.
FUEL =ELECTRIC

TEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)
MIN. SAFETY VALVE CAP. 350 PPH

MAX. W.P. _____ PSIG
MAX. TEMP. _____ DEG F
MIN. SAFETY VALVE CAP _____ PPH OR BTU
(3412 X KW/1000)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY MB DATE 3/8/01
LOW WATER CUTOFF ☒ HI WATER CUTOFF ☒

SAFETY VALVE

CAPACITY 423
LB PER HR.

OPERATIONAL
TEST ☒

DIELECTRIC VOLTAGE- WITHSTAND TEST:

For 1 min
VOLTS 2200 SAT ☒ UNSAT _____ BY MB DATE 3/8/01 (IAW U.L. 834)

(CORRECTED/RETEST) _____ BY _____ DATE _____ CORRECTIVE ACTION _____

NAMEPLATE: O.P. 100 KW 100 VOLTS 600 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) GARY BURKE DATE 3/8/01

Signature G. Burke

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)

✓ CSA/CRN RCB 3/9/01



WPO0100334

(WON)

WORK ORDER SHEET

Friday February 23, 2001

BOILER R 100KW 600V 3PH 100# SAFETY

1.00

RX100M3F

QTY

PART #

RUSH

ORDER

STOCK

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1.00	02618	BLOCK POWER DISTRIBUTION 3/350MCM UL/CSA	1.00	02791	NIPPLE .5" X 3.5" BLACK EH ASTM A-106 SEAML
1.00	20364-7A	BRACE BOX R100 & 120 NEWSTYLE	1.00	02796	NIPPLE .5" X 6" BLACK EH ASTM A-106 SEAMLES
1.00	01128	BUSHING .5X.25 HEX BLACK FORGED 3000# A-105	6.00	02786	NIPPLE .5" X CLOSE BLACK EH ASTM A-106 SEAM
1.00	01124	BUSHING .75" X .5" HEX BLACK MALL. IRON 150	1.00	02807	NIPPLE .75" X 9" BLACK EH ASTM A-106 SEAMLE
1.00	01121	BUSHING 1" X .5" HEX BLACK MALL. IRON 150#	2.00	01180	NIPPLE .75" X CLOSE BLACK EH ASTM A-106 SEA
2.50	02240	CONDUIT .375" FLEXIBLE STEEL U.L.	1.00	02806	NIPPLE .75"X6" BLACK EXTRA HEAVY ASTM A-106
1.50	02243	CONDUIT 1" FLEXIBLE STEEL U.L.	1.00	02802	NIPPLE .75X4 BLACK EXHEAVY ASTM A106 SEAMLE
2.00	02246	CONDUIT CONNECTOR .375" 90 DEGREES UL/CSA	1.00	02818	NIPPLE 1.25X2 BLACK EXHEAVY A106 SEAMLESS
2.00	02252	CONDUIT CONNECTOR .375"STR UL/CSA	1.00	02820	NIPPLE 1.25X4 BLACK EXHEAVY ASTM A106 SEAML
2.00	02250	CONDUIT CONNECTOR 1.25" 90 DEGREES UL/CSA	16.00	01168	NUT .625" X 11 HEAVY HEX STEEL TYPE B18.2 U
2.00	02244	CONDUIT FLEXIBLE 1.25" U.L.	4.00	01147	PIPE PLUG .5" SQUARE HEAD FORGED STEEL SA 1
4.00	02530	CONTACTOR 50A 120V 3P UL/CSA	3.00	04163 <i>DB</i>	PRESSURE CONTROL 91# OPERATING NO HOUSING
4.00	03760	COPPER TUBE REF.5"ODX.032WALL ASTMB75C120/1	1.00	02329 <i>3/8/01</i>	PRESSURE GAUGE 2.5" 160#MT23
1.00	03021	COUPLING FULL .5" NPT 3000# ASTM A105	1.00	03896 <i>3/8/01</i>	RELAY SOLID STATE CTRL PUMP/L.W.120V DFL1AO
1.00	02234	CRATE 37"W X 76"L X 40"H DOMESTIC R 100-120	1.00	R-120A	SHELL R100-120 (COMPLETE NEW)
1.00	02988	CROSS .5" BLACK MALLEABLE IRON 150# ASTM A1	1.00	03325	STRAINER .5" Y ASTM B-62 C836
3.00	01094	ELBOW .5" X 90 DEG. BLACK MALL. IRON 150# A	2.00	02100	SWITCH CH SINGLE POLE SINGLE THROW
2.00	03763	ELBOW .5" TUBE X .5" NPT NO NUT ASTM B16C360	4.00	02099	SWITCH LOCK RING
4.00	01133	ELBOW .5X90 DEG. STREET BLACK MALL. IRON 150	1.00	03551	SWITCH MANUAL RESET NC MO 14"LDS (FOR SERIE
1.00	01095	ELBOW .75" X 90 DEG. BLACK MALL. IRON 150#	4.00	02107	SWITCH PLATE ON-OFF FOR TOGGLE SWITCH
1.00	01097	ELBOW 1.25" X 90 DEG. BLACK MALL. IRON 150#	5.00	01104	TEE .5" BLACK MALLEABLE IRON 150# ASTM A197
1.00	02997	ELBOW STREET .25" 90 DEG. ASTM B16 C360	2.00	01103	TEE .75" BLACK MALLEABLE IRON 150# ASTM A19
1.00	20292-14B	ELECTRIC BOX SUPPORT 46.5" X 1.5" (R100-120	1.00	01112	TEE REDUCING .75X.75X.5 BLACK MALL. IRON 150
1.00	20364A	ELECTRICAL BOX 30W 36H 6D (SS)	12.00	02176	TERMINAL LUG #8 HOMAC UL/CSA
4.00	02606	ELEMENT 600V 25KW 3P SS SHEATH B DIM. 39" U	0.33	04276	TERMINAL STRIP 600V 35 AMP 8-26AWG 12 CIRCU
4.00	02022	FLANGE GASKET 2" RING	0.04	03818	TICKET HOLDER FOR SHOP CLEAR FRONT & BACK
1.00	02125	FUSE 250V 15A UL/CSA	1.00	01088	UNION .5" BLACK MALLEABLE IRON 150# ASTM A1
12.00	02134	FUSE 600V 30A UL/CSA	1.00	02490	VALVE BALL .5" 200# SWP ASTM B584 C844
1.00	02140	FUSE BLOCK 250V 30A 1P UL/CSA	1.00	03802	VALVE BALL .75" W/LATCH 200# SWP ASTM B584C
4.00	02613	FUSE BLOCK 600V 30A 3P UL/CSA	1.00	02462	VALVE CHECK .5" 125# SWP SWING ASTM B584 C8
1.00	02420	GAUGE GLASS 6"X.625" PYREX	1.00	02692	VALVE CHECK .5" BALLCONE SPRING 125#SWP AST
1.00	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL BOILER (THRE	1.00	03254	VALVE GAUGE TEST .25" ASTM B584 C844
1.00	02522	GAUGE PROTECTOR 6"	1.00	02712	VALVE GLOBE 1.25"125#SWP W/PLASTIC H.WHL AS
29.56	02030	INSULATION 2" X 48" X 150' FIBERGLASS	1.00	02637 <i>DB</i>	VALVE SAFETY .5" 100# SWP 1" OUTLET CERT.AS
2.00	02951	KNOCKOUT SEAL .5" HEYCO	1.00	02301 <i>3/8/01</i>	VALVE SOLENOID .5" 120V 60 HZ WATER ASCO UL
2.00	02139A	LIGHT 120V RED OMNI GLOW	1.00	02396	WATER GAUGE SET STANDARD SHANK ASTM B584 C8
5.00	01160	NIPPLE .25XCLS.BRASS EXT.HEAVY ASME SB43 GR	2.00	02209SS	WRAPPER END 20" 20103REV.B 16GA.X1.375 X W/
3.00	02788	NIPPLE .5" X 2" BLACK EH ASTM A-106 SEAMLES	1.00	20062A	WRAPPER R100-120 (NEW)

Wire for customer return - no solenoid

① 03445 CONTACTOR FOR customer pump 35A

INSTALL 4" BALL VALVE UNDER gauge glass

③ 02100 Switch

③ 02139A Light

INSTALL ON SIDE OF
ELECTRICAL BOX04163 MSPS-JJ100SS
PRESSURE CONTROL 91#*DB 3/8/01**3/4" FEED WATER
CONNECTION**02986 3/4" x 1/2" COUPLING*

(TD)