

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 111314

SERIAL # 111314

DATE (M/D/Y) 10 / 23 / 20 18

CRN # _____



4407 Martinsburg Pike P: 540-662-3811
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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXH120K3F

MODEL RH-120

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 120

POWER SUPPLY WIRE SIZE 3/0

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

04. 12. 26. 50. 60. 71. 87. 90. 136. 175. 190

REV 7

TESTING SEQUENCE (TO BE COMPLETED BY THE QUALITY CONTROL MANAGER/CERTIFIED INDIVIDUAL)

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 10-23-18 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 10-23-18 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: 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) 420 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm DATE 10-23-18 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 34.1 VOLTS _____ TOTAL kW _____

PERFORMED BY mm DATE 10-23-18 SATISFACTORY YES ☒ NO ☐

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

| | OPERATIONAL TEST | SETTING | DATE | MANUFACTURER | MFG. MODEL # | PART# |
|----------------------|------------------|-----------|-----------------|----------------|----------------|--------------|
| LOW WATER CUTOFF | PERFORMED BY | PSI/°F | | | | |
| AUTO RESET | <u>N/A</u> | <u>X</u> | | | | |
| MANUAL RESET | <u>mm</u> | <u>X</u> | <u>10-23-18</u> | <u>REIMERS</u> | <u>04316</u> | <u>04316</u> |
| PRESSURE CONTROLS | | | | | | |
| HIGH LIMIT | <u>mm</u> | <u>90</u> | <u>10-23-18</u> | <u>TECMARK</u> | <u>3155-ED</u> | <u>04296</u> |
| OPERATING #1 | <u>mm</u> | <u>80</u> | <u>10-23-18</u> | <u>TECMARK</u> | <u>3156-EC</u> | <u>04163</u> |
| OPERATING #2 | | | | <u>TECMARK</u> | <u>3156-EC</u> | <u>04163</u> |
| TEMPERATURE CONTROLS | | | | | | |
| HIGH LIMIT | | | | | | |
| OPERATING CONTROL | | | | | | |

F. CHECKOUT: CHECKOUT LIST NO. _____ SATISFACTORY YES ☐ NO ☐

wo # 40639

Rep. Reimers Electra Steam, INC. (Name) Marshall McFarland

DATE 10-23-18 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Replacement Parts List

Model Number: RXH120K3F

BOILER RH 120KW 480V 3PH 100#

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

Toll Free: 1-800-872-7562
Phone: 540-662-3811
Website: www.reimersinc.com

| <u>Part Number</u> | <u>Description</u> |
|--------------------|-------------------------------------|
| 02618 | BLOCK PWR DIST 3-500MCM 3 POLE |
| OPT1020 | BRONZE/BRASS WATER FEED & BLOW |
| 05010 | CLAMP FOR PROCON PUMP MODEL #1 |
| 03445 | CONTACTOR 35A 120V 2P DEFINITE |
| 02530 | CONTACTOR 50A 120V 3P DEFINITE |
| 20838 | CONTROLLER 04316-EBC-LED |
| MBJ175 | ELECTRODE FITTING .125" NPT 6. |
| MBJ057 | ELECTRODE FITTING 057 MM/2.25" |
| MBJ187 | ELECTRODE FITTING 187 MM/7.375 |
| 02609 | ELEMENT 480V 30KW 3P SS 304 SH |
| 02022 | FLANGE GASKET 2" RING |
| 02125 | FUSE 250V 15A CLASS K5 FAST-AC |
| 02655 | FUSE 250V 5A CLASS K5 FAST-ACT |
| 02518 | FUSE 600V 50A CLASS K5 FAST-AC |
| 02420 | GAUGE GLASS .625" X 5.875" PYR |
| 05009 | MOTOR PROCON MODEL 806 1/3HP 1 |
| 04163 | PRESSURE CONTROL 60# OPERATING |
| 04296 | PRESSURE CONTROL 90# HI LIMIT |
| 02329 | PRESSURE GAUGE 2.5" 0-160# .25 |
| 20767 | PUMP 05008+02301 ASSY RH24-120 60HZ |
| 05008 | PUMP PROCON MODEL 101A140F12BB |
| 04213 | SWITCH ILLUMINATED RED W/WHITE |
| 02472 | VALVE BALL .25" NPT BRZ 200# W |
| 02490 | VALVE BALL .5" NPT BRZ 200# WS |
| 03802 | VALVE BALL .75" NPT BRZ W/LATC |
| 03209 | VALVE BALL 1.25" NPT BRZ 200# |
| 02462 | VALVE CHECK .5" NPT BRZ 125# W |
| 02692 | VALVE CHECK .5" NPT BRZ 125# W |
| 02637 | VALVE SAFETY .5" NPT BRZ 100# |
| 02301 | VALVE SOLENOID .5" BRZ 120/60 |
| 02396 | WATER GAUGE SET STANDARD SHANK |