

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 115072

SERIAL # 115072

CRN # _____

DATE (M/D/Y) 6 / 7 / 20 18

WIRE DIAGRAM NO. 04.12.20.50.60.71.80.90.136.175.190 REV 7



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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXH80K3F
MODEL RH-80
POWER SUPPLY VOLTAGE 480
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 45
POWER SUPPLY WIRE SIZE 1

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

COO # 39769

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 6-7-18 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 6-7-18 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) 280 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm DATE 6-7-18 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 24.4 VOLTS _____ TOTAL KW _____

PERFORMED BY mm DATE 6-7-18 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST		SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
<u>LOW WATER CUTOFF</u>	PERFORMED BY	PSI/°F				
AUTO RESET	<u>N/A</u>	<u>X</u>	<u>6-7-18</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	<u>mm</u>	<u>X</u>				
<u>PRESSURE CONTROLS</u>						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>6-7-18</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>6-7-18</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
OPERATING #2				<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
<u>TEMPERATURE CONTROLS</u>						
HIGH LIMIT						
OPERATING CONTROL						

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

Rep. Reimers Electra Steam, INC. (Name) Marshall M Farland

DATE 6-7-18 Signature Marshall M Farland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Replacement Parts List

Model Number: RXH80K3F

BOILER RH 80 480V 3PH 100# SAF

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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<u>Part Number</u>	<u>Description</u>
OPT1016-R80B	AUTOMATIC FLUSH & DRAIN 120V R
20686	AUTOMATIC FLUSH SUBASY REV2 (u
02616	BLOCK PWR DIST 3-2/0AWG 3 POLE
BTANK-16	BLOWDOWN TANK 16" (COMPLETE)
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
02602	ELEMENT 480V 20KW 3P STRAP Y S
02022	FLANGE GASKET 2" RING
02125	FUSE 250V 15A CLASS K5 FAST-AC
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02134	FUSE 600V 30A CLASS K5 FAST-AC
02002	GAUGE GLASS .625" X 12.25" PYR
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" 160#MT23
21031	PUMP 05008+02301 ASSY REV. 2 R
05008	PUMP PROCON MODEL 101A140F12BB
OPT1040	SKID METAL RH/RHC80 BTANK PIPE
04213	SWITCH ILLUMINATED RED W/WHITE
02385	TRI-O-METER 3.5" 0-200 PSI 100
02472	VALVE BALL .25" NPT BRZ 200# W
02490	VALVE BALL .5" NPT BRZ 200# WS
03219	VALVE BALL .75" NPT BRZ 200# W
02515	VALVE BALL 1" NPT BRZ 200# WSP
02462	VALVE CHECK .5" NPT BRZ 125# W
02692	VALVE CHECK .5" NPT BRZ 125# W
02637	VALVE SAFETY .5" NPT 100# WSP
05222	VALVE SAFETY .75" NPT 50# WSP
02301	VALVE SOLENOID .5" BRZ 120/60
02396	WATER GAUGE SET STANDARD SHANK