

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 115845

SERIAL # 115845

CRN # _____

DATE (M/D/Y) 10/5/2018

WIRE DIAGRAM NO. 02, 10, 31, 50, 60, 71, 86, X, 110, 170, 190 REV 7



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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXH40K3F

MODEL RH-40

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 40

POWER SUPPLY WIRE SIZE 1

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY B. Butts DATE 10/5/18 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 10/5/18 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) 140 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY B. Butts DATE 10/5/18 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 49.2 VOLTS 480 TOTAL KW 40

PERFORMED BY B. Butts DATE 10/5/18 SATISFACTORY YES ☒ NO ☐

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

LOW WATER CUTOFF	OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
AUTO RESET	PERFORMED BY <u>N/A</u>	PSI/°F <u>X</u>				
MANUAL RESET	<u>B. Butts</u>	<u>X</u>	<u>10/5/18</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>10/5/18</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
OPERATING #1	<u>B. Butts</u>	<u>80</u>	<u>10/5/18</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
OPERATING #2						
TEMPERATURE CONTROLS						
HIGH LIMIT						
OPERATING CONTROL						

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

u06# 40417

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

DATE 10/5/18 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
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Clear Brook, VA 22624

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Phone: 540-662-3811
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Replacement Parts List

Model Number: RXH40K3F
BOILER RH 40KW 480V 3PH 100# S

Part Number	Description
OPT1001-R80B	AUTO BLOWDOWN SYSTEM R36-80
20686	AUTOMATIC FLUSH SUBASY REV2 (u
02616	BLOCK PWR DIST 3-2/0AWG 3 POLE
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 DELTA
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
04978	FUSE 600V 5A CLASS CC TRANSFOR
02420	GAUGE GLASS .625" X 5.875" PYR
05009	MOTOR PROCON MODEL 806 1/3HP 1
OPT1011-480RH	OPT TRANSFORMER 1.5KVA 480V/12
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
02329	PRESSURE GAUGE 2.5" 0-160# .25
21031	PUMP 05008+02301 ASSY REV. 2 R
05008	PUMP PROCON MODEL 101A140F12BB
04213	SWITCH ILLUMINATED RED W/WHITE
03893	TIMER 120V TORK AUTO BLOWDOWN
02750	TRANSFORMER 1.5 KVA "B" 480-24
02472	VALVE BALL .25" NPT BRZ 200# W
02490	VALVE BALL .5" NPT BRZ 200# WS
02514	VALVE BALL .75" NPT BRZ 200# W
03219	VALVE BALL .75" NPT BRZ 200# W
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