

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 140771

SERIAL # 140771

DATE (M/D/Y) 3 / 11 / 20 25

WIRE DIAGRAM NO.

04.15.20.50.60.72.80.136.175.190

REV 7

CRN # _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXH80M3F

MODEL RH-80

POWER SUPPLY VOLTAGE 600

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 80

POWER SUPPLY WIRE SIZE 3

(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 mm DATE 3-11-25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 3-11-25 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 3-11-25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 15.0 VOLTS 600 TOTAL KW 80

PERFORMED BY mm DATE 3-11-25 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>	<u>3-11-25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	<u>mm</u>	<u>X</u>				
PRESSURE CONTROLS						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>3-11-25</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>3-11-25</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 ☐

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

DATE 3-11-25 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
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Clear Brook, VA 22624

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Replacement Parts List

Model Number: RXH80M3F

BOILER RH 80KW 600V 3PH 100#

SAFETY

<u>Part Number</u>	<u>Description</u>
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
02603	ELEMENT 600V 20KW 3P 304SS SHE
02022	FLANGE GASKET 2" RING 1/16" TH
02125	FUSE 250V 15A CLASS K5 FAST-AC
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02134	FUSE 600V 30A CLASS K5 FAST-AC
02396	GAUGE FIXTURE SET .5" NPT BRZ
05592	GAUGE GLASS .625" X 5.75" DURA
05009	MOTOR PROCON 1/3 HP 115V IP 60
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
02329	PRESSURE GAUGE 2.5" 0-160# BRZ
05008	PUMP PROCON 140 GPH BRS SERIES
02692	VALVE CHECK .5" NPT BRZ 125# W
02462	VALVE CHECK .5" NPT BRZ 200# W
02637	VALVE SAFETY .5" NPT BRZ 100#
02301	VALVE SOLENOID .5" BRZ 120/60
02172	WIRE STRANDED #10 BLACK TEW TC 600V
