

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 139147

SERIAL # 139147

DATE (M/D/Y) 2 / 21 / 20 25

WIRE DIAGRAM NO.

04.15.20.50.60.72.X.90.137.175.190

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 RXHC80M3F

MODEL RHC-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 2.21.25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 2.21.25 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 2.21.25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 14.8 VOLTS 600 TOTAL KW 80

PERFORMED BY mm DATE 2.21.25 SATISFACTORY YES ☒ NO ☐

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

	OPERATIONAL TEST	SETTING		MANUFACTURER	MFG. MODEL #	PART#
<u>LOW WATER CUTOFF</u>	PERFORMED BY	PSI/°F	DATE			
AUTO RESET	<u>N/A</u>	X				
MANUAL RESET	<u>mm</u>	X	<u>2.21.25</u>	REIMERS	04316	04316
<u>PRESSURE CONTROLS</u>						
HIGH LIMIT	<u>mm</u>	90	<u>2.21.25</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>mm</u>	80	<u>2.21.25</u>	TECMARK	3156-EC	04163
OPERATING #2				TECMARK	3156-EC	04163
<u>TEMPERATURE CONTROLS</u>						
HIGH LIMIT						
OPERATING CONTROL						

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

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

DATE 2.21.25 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RXHC80M3F

BOILER RHC 80KW 600V 3PH 100#

<u>Part Number</u>	<u>Description</u>
20740	COND. TANK ASSY. (RHC 36-120)
20791	CONDENSATE TANK MAKE UP VALVE
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
02086	FLANGE GASKET 6.5" RING COND T
02125	FUSE 250V 15A CLASS K5 FAST-AC
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02134	FUSE 600V 30A CLASS K5 FAST-AC
02001	GAUGE FIXTURE SET .5" NPT BRZ
02396	GAUGE FIXTURE SET .5" NPT BRZ
05592	GAUGE GLASS .625" X 5.75" DURA
02690	GAUGE GLASS .625" X 7.25" DURA
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
02329	PRESSURE GAUGE 2.5" 0-160# BRZ
05910	PUMP 1/3 HP 115-230V 1P 60HZ F
02370	VALVE CHECK .5" NPT BRZ 200# W
02462	VALVE CHECK .5" NPT BRZ 200# W
02637	VALVE SAFETY .5" NPT BRZ 100#
02172	WIRE STRANDED #10 BLACK
