

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 140576

SERIAL # 140576

CRN # _____

DATE (M/D/Y) 7 / 28 / 20 25



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXHC80M3A

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 3/0

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

04.15.20.50.60.72.X.90.137.175.190

REV 7

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY mm

DATE 7.28.25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm

DATE 7.28.25 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 19-KFEA-15

STEAM BOILER ☒

HOT WATER BOILER ☐

MAX. W. P. 15 PSIG (VALVE ASME PLATE)

MAX. W. P. _____ PSIG (VALVE ASME PLATE)

CAPACITY 484 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 1 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 7.28.25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 14.1 VOLTS 600 TOTAL kW 80

PERFORMED BY mm

DATE 7.28.25 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>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	<u>mm</u>	<u>X</u>	<u>7.28.25</u>			
<u>PRESSURE CONTROLS</u>						
HIGH LIMIT	<u>mm</u>	<u>15</u>	<u>7.28.25</u>	<u>TECMARK</u>	<u>03160-EQ</u>	<u>05077</u>
OPERATING #1	<u>mm</u>	<u>5</u>	<u>7.28.25</u>	<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</u>
OPERATING #2				<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</u>
<u>TEMPERATURE CONTROLS</u>						
HIGH LIMIT						
OPERATING CONTROL						

F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☐

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

Rep. Installer Contractor (Name) _____

DATE 7.28.25 Signature Marshall McFarland

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
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Replacement Parts List

Model Number: RXHC80M3A
BOILER RHC 80KW 600V 3PH 15#

<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" FOR HEATING ELEMENT
02086	FLANGE GASKET 6.5" RING COND TANK
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 FOR COND TANK
02396	GAUGE FIXTURE SET .5" NPT BRZ FOR BOILER
05592	GAUGE GLASS .625" X 5.75" DURA FOR BOILER
02690	GAUGE GLASS .625" X 7.25" DURA FOR COND TANK
04162	PRESSURE CONTROL 5# OPERATING
05077	PRESSURE CONTROL 13.5# HI LIMIT
02451	PRESSURE GAUGE 2.5" 0-30# 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
02010	VALVE SAFETY .75" NPT BRZ 15#
02172	WIRE STRANDED #10 BLACK
02172	WIRE STRD #10 BLACK TEW
