

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 138081

SERIAL # 138081

DATE (M/D/Y) 1 / 24 / 20 25

CRN # _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXHC120M3A

MODEL RHC-120

POWER SUPPLY VOLTAGE 600

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 120

POWER SUPPLY WIRE SIZE 1

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

M48709

WIRE DIAGRAM NO.

04.16.20.50.60.72.X.90.149.175.190

REV _____

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY mm DATE 1-24-25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 1-24-25 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) 420 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm DATE 1-24-25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 22.6 VOLTS 600 TOTAL KW 120

PERFORMED BY mm DATE 1-24-25 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>				
MANUAL RESET	<u>mm</u>	<u>X</u>	<u>1-24-25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<u>PRESSURE CONTROLS</u>						
HIGH LIMIT	<u>mm</u>	<u>15</u>	<u>1-24-25</u>	<u>TECMARK</u>	<u>3155-EQ</u>	<u>05077</u>
OPERATING #1	<u>mm</u>	<u>10</u>	<u>1-24-25</u>	<u>TECMARK</u>	<u>3156-EP</u>	<u>04162</u>
OPERATING #2				<u>TECMARK</u>	<u>3156-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 1-24-25 Signature Marshall McFarland

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RXHC120M3A
BOILER RHC 120KW 600V 3PH 15#
SAFETY

<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
02610	ELEMENT 600V 30KW 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
02135	FUSE 600V 40A 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 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
02360	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
02171	WIRE STRD #10 BLACK TEW TC 600V – HEATING ELEMENT
