

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD#

140338

SERIAL #

140338

CRN #

DATE (M/D/Y) 5 / 16 / 20 25



4407 Martinsburg Pike P: 540-662-3811
Clear Brook, VA 22624 F: 540-665-8101
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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXHC120K3A

MODEL RHC-12

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 120

POWER SUPPLY WIRE SIZE 3/0

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

04.12.20.50.60.72.85.90.148.175.190

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 5-16-25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 5-16-25 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 5-16-25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 36.1 VOLTS 480 TOTAL kW 120

PERFORMED BY mm DATE 5-16-25 SATISFACTORY YES ☒ NO ☐

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

	OPERATIONAL TEST	SETTING		MANUFACTURER	MFG. MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F	DATE			
AUTO RESET	N/A	X				
MANUAL RESET	mm	X	5-16-25	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	mm	15	5-16-25	TECMARK	03160-EQ	05077
OPERATING #1	mm	10	5-16-25	TECMARK	03160-EP	04162
OPERATING #2				TECMARK	03160-EP	04162
TEMPERATURE CONTROLS						
HIGH LIMIT						
OPERATING CONTROL						

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

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

DATE 5-16-25 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: RXHC120K3A
BOILER RHC 120KW 480V 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
02609	ELEMENT 480V 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
02518	FUSE 600V 50A 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
05077	PRESSURE CONTROL 13.5# HIGH LI
04162	PRESSURE CONTROL 5# OPERATING
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
02399	VALVE SAFETY 1" NPT BRZ 15# WS

OPT1001