

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 125765SERIAL # 125765DATE (M/D/Y) 4/2/2021

CRN # _____



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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RX120C3FMODEL R-120POWER SUPPLY VOLTAGE 208CONTROL VOLTAGE 120PHASE 3FREQUENCY (HZ) 60MAX. W.P. 100KILOWATTS 120POWER SUPPLY WIRE SIZE 4/0

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

04,12,20,60,70,X,90,144,175,190 REV 7

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY B. Butts DATE 4/2/21 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY B. Butts DATE 4/2/21 SATISFACTORY YES ☒ NO ☐C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 29-202A-100STEAM 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) 420 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY B. Butts DATE 4/2/21 SATISFACTORY YES ☒ NO ☐D. HEATING ELEMENT TESTING: AMPS 333.1 VOLTS 208 TOTAL KW 120PERFORMED BY B. Butts TEST 240 V 366.8A DATE 4/2/21 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>				
MANUAL RESET	<u>B. Butts</u>	<u>X</u>	<u>4/2/21</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>4/2/21</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
OPERATING #1	<u>B. Butts</u>	<u>25</u>	<u>4/2/21</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
OPERATING #2	<u>B. Butts</u>	<u>22</u>	<u>4/2/21</u>	<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) BRAD BUTTSDATE 4/2/21 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____

440407



Reimers Electra Steam
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Clear Brook, VA 22624

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Replacement Parts List

Model Number: RX120C3F

BOILER R 120KW 208V 3PH 100# S
AFETY

<u>Part Number</u>	<u>Description</u>
03445	CONTACTOR 35A 120V 2P DEFINITE
02597	CONTACTOR 93A 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
02674	ELEMENT 208V 30KW 3P 304SS SHE
02022	FLANGE GASKET 2" RING 1/16" TH
02130	FUSE 250V 100A CLASS K5 FAST-A
02125	FUSE 250V 15A CLASS K5 FAST-AC
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02396	GAUGE FIXTURE SET .5" NPT BRZ
05592	GAUGE GLASS .625" X 5.75" DURA
02692	VALVE CHECK .5" NPT BRZ 125# W
02462	VALVE CHECK .5" NPT BRZ 200# W
02301	VALVE SOLENOID .5" BRZ 120/60