

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 7/30/20 20



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH20E3F

MODEL RH-20

POWER SUPPLY VOLTAGE 240

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 20

POWER SUPPLY WIRE SIZE 6

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

NAT. BD# 125194

SERIAL # 125194

CRN # _____

WIRE DIAGRAM NO. _____

REV 5

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 7-30-20 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 7-30-20 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 29-202A-100

STEAM BOILER ☒

MAX. W. P. 100 PSIG (VALVE ASME PLATE)

CAPACITY 423 PPH (VALVE ASME PLATE)

SIZE 1/2 IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 70 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm DATE 7-30-20 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 46.8

PERFORMED BY mm VOLTS 240 TOTAL KW 20K

DATE 7-30-20 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY N/A PSI/°F X

AUTO RESET N/A PSI/°F X

MANUAL RESET mm PSI/°F 90

PRESSURE CONTROLS mm PSI/°F 80

HIGH LIMIT mm PSI/°F 80

OPERATING #1 mm PSI/°F 80

OPERATING #2 N/A PSI/°F 80

TEMPERATURE CONTROLS N/A PSI/°F 80

HIGH LIMIT N/A PSI/°F 80

OPERATING CONTROL N/A PSI/°F 80

F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☐

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

DATE 7-30-2020 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____

WC # 44821



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RBH20E3F

**BOILER RBH 20KW 240V 3 PH 100#
SAFETY W/PUMP**

<u>Part Number</u>	<u>Description</u>
02539	CONTACTOR 75A 120V 3P DEFINITE
20838	CONTROLLER 04316-EBC-LED
MBJ057	ELECTRODE FITTING 057 MM/2.25"
MBJ135	ELECTRODE FITTING 135 MM/5.3"
MBJ147	ELECTRODE FITTING 147 MM/5.8"
04165	ELEMENT 240V 10KW 3P INCOLOY 8
02281	FLANGE GASKET 2.5" SQUARE 1/16
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
03693	PUMP 1.4 GPM 120V 1PH 8000-812
20992	PUMP SUBASSY 03693 120V 1 PH
21036	SHURFLO PUMP WITH TERMINAL BOX
02472	VALVE BALL .25" NPT BRZ 200# W
02490	VALVE BALL .5" NPT BRZ 200# WS
02692	VALVE CHECK .5" NPT BRZ 125# W
02637	VALVE SAFETY .5" NPT BRZ 100#
05604	VALVE SOLENOID .375" BRZ 120/6
21191	WIRE 8 AWG LEFT ELEMENT RB
21190	WIRE 8 AWG RIGHT ELEMENT RB