

STEAM WORKSHEET
UL-FILE # E39545

DATE (M/D/Y) 3 / 12 / 20 2020



4407 Martinsburg Pike P: 540-662-3811
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NAMEPLATE RATINGS:
(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH30E3F
MODEL RH-30
POWER SUPPLY VOLTAGE 240
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 30
POWER SUPPLY WIRE SIZE 3
(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

18, 41, 101, 110, 120, 131, 140, 160, 170, 180

REV

6

NAT. BD# 123651

SERIAL # 123651

CRN #

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 3-12-2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 3-12-2020 SATISFACTORY YES ☒ NO ☐

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

STEAM 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) 10.5 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x KW) BTU/HR

OPERATIONAL TEST PERFORMED BY mm

MAX. TEMPERATURE °F DATE 3-12-2020 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 92.5

VOLTS 240 TOTAL KW 3.0K

PERFORMED BY mm

DATE 3-12-2020 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY N/A

DATE

MANUFACTURER

MFG. MODEL #

PART#

AUTO RESET

PSI/°F

DATE

MANUFACTURER

MFG. MODEL #

PART#

MANUAL RESET

PSI/°F

DATE

MANUFACTURER

MFG. MODEL #

PART#

PRESSURE CONTROLS

HIGH LIMIT

PSI/°F

DATE

MANUFACTURER

MFG. MODEL #

PART#

OPERATING #1

PSI/°F

DATE

MANUFACTURER

MFG. MODEL #

PART#

OPERATING #2

PSI/°F

DATE

MANUFACTURER

MFG. MODEL #

PART#

TEMPERATURE CONTROLS

HIGH LIMIT

PSI/°F

DATE

MANUFACTURER

MFG. MODEL #

PART#

OPERATING CONTROL

PSI/°F

DATE

MANUFACTURER

MFG. MODEL #

PART#

F. CHECKOUT: CHECKOUT LIST NO.

SATISFACTORY YES ☐ NO ☐

Rep. Reimers Electra Steam, INC. (Name) Marshall McFarland
DATE 3-12-2020 Signature Marshall McFarland

Rep. Installer Contractor (Name)
DATE Signature

WO # 44080



Reimers Electra Steam
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Clear Brook, VA 22624

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Replacement Parts List

Model Number: RBH30E3F

**BOILER RBH 30KW 240V 3PH 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"
04253	ELEMENT 240V 15KW 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
03346	VALVE BALL .5" NPT BRZ W/LATCH
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