

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 10 / 14 / 20 20



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 RBH30E1F

MODEL RH-30

POWER SUPPLY VOLTAGE 240

CONTROL VOLTAGE 120

PHASE 1

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 30

POWER SUPPLY WIRE SIZE 2/0

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

wo#45248

NAT. BD# 126040

SERIAL # 126040

CRN #

WIRE DIAGRAM NO.

28.91.101.10.120.131.40.100.170.180 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 10-14-20 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY MM DATE 10-14-20 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) 105 PPH

MAX. TEMPERATURE MM °F

OPERATIONAL TEST PERFORMED BY MM DATE 10-14-20 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 119.6

PERFORMED BY MM DATE 10-14-20 SATISFACTORY YES ☒ NO ☐

VOLTS 240 TOTAL KW 30KW

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY N/A

AUTO RESET N/A

MANUAL RESET MM

PSI/°F X

PRESSURE CONTROLS

HIGH LIMIT MM

OPERATING #1 MM

OPERATING #2 N/A

TEMPERATURE CONTROLS

HIGH LIMIT N/A

OPERATING CONTROL

F. CHECKOUT: CHECKOUT LIST NO.

SATISFACTORY YES ☐ NO ☐

DATE 10-14-20

SIGNATURE Marshall McFarland

Rep. Reimers Electra Steam, INC. (Name)

DATE 10-14-20

SIGNATURE Marshall McFarland

Rep. Installer Contractor (Name)

DATE

SIGNATURE



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

Toll Free: 1-800-872-7562
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Replacement Parts List

Model Number: RBH30E1F

BOILER RBH 30KW 240V 1PH 100#
SAFETY W/PUMP

<u>Part Number</u>	<u>Description</u>
02622	BLOCK PWR DIST 2-2/0AWG 2 POLE
02530	CONTACTOR 50A 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
04705	FUSE 300V 50A CLASS T FAST-ACT
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
OPT1008	OPTIONAL INSTALLED SINGLE PHAS
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
21036	SHURFLO PUMP WITH TERMINAL BOX
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
21209	WIRE CONTACTOR TO PD BLOCK RB