

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 11/17/20 20



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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)

wo#45449

NAT. BD# 125988

SERIAL # 125988

CRN # _____

WIRE DIAGRAM NO.

18, 91, 101, 110, 120, 131, 140, X, 160, 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 11/17/2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 11/17/2020 SATISFACTORY YES ☒ NO ☐

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

STEAM 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) 105 PPH

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

OPERATIONAL TEST PERFORMED BY mm

MAX. TEMPERATURE _____ °F

DATE 11/17/2020 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 71.1

DATE 11/17/2020 SATISFACTORY YES ☒ NO ☐

PERFORMED BY mm

VOLTS 240 TOTAL KW 30K

DATE 11/17/2020 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

OPERATING #1 mm PSI/°F 80

OPERATING #2 N/A PSI/°F _____

TEMPERATURE CONTROLS

HIGH LIMIT N/A

OPERATING CONTROL _____

F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☐

DATE _____

SIGNATURE _____

DATE _____

SIGNATURE _____

DATE _____

SIGNATURE _____

DATE _____

SIGNATURE _____

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: 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 .
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