

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 131356SERIAL # 131356DATE (M/D/Y) 3 / 2 / 20 22

WIRE DIAGRAM NO.

68, 91, 101, X, 120, 131, 140, X, 160, 170, 180, 201REV 5

CRN # _____

Reimers®
Electra Steam, Inc.

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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH30M3F
MODEL RH-30
POWER SUPPLY VOLTAGE 600
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 30
POWER SUPPLY WIRE SIZE 8

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

M42290

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 3.2.22 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 3.2.22 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) 105 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm DATE 3.2.22 SATISFACTORY YES ☒ NO ☐D. HEATING ELEMENT TESTING: AMPS 23.2 VOLTS 600 TOTAL KW 30KPERFORMED BY mm DATE 3.2.22 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>mm</u>	<u>X</u>	<u>3.2.22</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>3.2.22</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>3.2.22</u>	<u>TECMARK</u>	<u>03156-EC</u>	<u>04163</u>
OPERATING #2	<u>N/A</u>					
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

F. CHECKOUT: CHECKOUT LIST NO. _____ SATISFACTORY YES ☐ NO ☐

Rep. Reimers Electra Steam, INC. (Name)

DATE 3.2.22

Signature

Rep. Installer Contractor (Name)

DATE _____

Signature _____



Replacement Parts List

Model Number: RBH30M3F

BOILER RBH 30KW 600V 3PH 100#

Reimers Electra Steam
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Clear Brook, VA 22624

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<u>Part Number</u>	<u>Description</u>
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"
05116	ELEMENT 600V 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
21189	WIRE 10 AWG LEFT ELEMENT RB
21188	WIRE 10 AWG RIGHT ELEMENT RB
OPT1009-600RBH	OPT TRANSFORMER .25KVA 600/120