

# STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 139903

SERIAL # 139903

DATE (M/D/Y) 10 / 23 / 20 24

WIRE DIAGRAM NO. 58,91,101,110,120,131,140,X,160,170,180 REV 5

CRN # \_\_\_\_\_



4407 Martinsburg Pike P: 540-662-3811  
 Clear Brook, VA 22624 F: 540-665-8101  
 www.reimersinc.com sales@reimersinc.com

**NAMEPLATE RATINGS:**  
 (TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH30K3F  
 MODEL RH-30  
 POWER SUPPLY VOLTAGE 480  
 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)

U48323

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

**A. HYDROSTATIC TEST OF COMPLETED BOILER:**

PSIG 100 PERFORMED BY mm DATE 10.23.24 SATISFACTORY YES  NO

**B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)**

VOLTS 2352 PERFORMED BY mm DATE 10.23.24 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  
 MAX. TEMPERATURE \_\_\_\_\_ °F  
 OPERATIONAL TEST PERFORMED BY mm DATE 10.23.24 SATISFACTORY YES  NO

**D. HEATING ELEMENT TESTING: AMPS 35.6 VOLTS 480 TOTAL kW 30K**

PERFORMED BY mm DATE 10.23.24 SATISFACTORY YES  NO

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

OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
LOW WATER CUTOFF	PSI/°F				
AUTO RESET	PERFORMED BY				
	<u>N/A</u>				
MANUAL RESET	<u>mm</u>	<u>10-23-24</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<b>PRESSURE CONTROLS</b>					
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>10-23-24</u>	<u>TECMARK</u>	<u>03155-ED</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>10-23-24</u>	<u>TECMARK</u>	<u>03156-EC</u>
OPERATING #2	<u>N/A</u>				
<b>TEMPERATURE CONTROLS</b>					
HIGH LIMIT	<u>N/A</u>				
OPERATING CONTROL					

**F. CHECKOUT: CHECKOUT LIST NO. \_\_\_\_\_ SATISFACTORY YES  NO**

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

Rep. Installer Contractor (Name) \_\_\_\_\_

DATE 10.23.24 Signature Marshall McFarland

DATE \_\_\_\_\_ Signature \_\_\_\_\_



## Replacement Parts List

Reimers Electra Steam  
4407 Martinsburg Pike  
Clear Brook, VA 22624

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Phone: 540-662-3811  
Website: [www.reimersinc.com](http://www.reimersinc.com)

Model Number: RBH30K3F

BOILER RBH 30KW 480V 3PH 100#

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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"
04666	ELEMENT 480V 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