

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 141208

SERIAL # 141208

DATE (M/D/Y) 4 / 17 / 20 25

WIRE DIAGRAM NO. 58.91.101.112.120.131.140.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)

449111

3053

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 4-17-25 SATISFACTORY YES NO

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 4-17-25 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 4-17-25 SATISFACTORY YES NO

D. HEATING ELEMENT TESTING: AMPS 35.3 VOLTS 480 TOTAL kW 30K

PERFORMED BY mm DATE 4-17-25 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>4-17-25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>4-17-25</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>4-17-25</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) Marshall M Farland

Rep. Installer Contractor (Name) _____

DATE 4-17-25 Signature Marshall M Farland

DATE _____ Signature _____



Replacement Parts List

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

Toll Free: 1-800-872-7562
Phone: 540-662-3811
Website: www.reimersinc.com

Model Number: RBH30K3F
BOILER RBH 30KW 480V 3PH 100#

<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
OPT1009-480-CL	TRANSFORMER 0.25KVA 480/120V