

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 12/13/2019



4407 Martinsburg Pike P: 540-662-3811
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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)



NAT. BD# 122128

SERIAL # 122128

CRN # _____

WIRE DIAGRAM NO. _____

58.71.101.120.120.131.140.X.100.170.180 REV S

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

- A. HYDROSTATIC TEST OF COMPLETED BOILER: PSIG 100 PERFORMED BY mm DATE 12-13-19 SATISFACTORY YES ☒ NO ☐
- B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834) VOLTS 2352 PERFORMED BY mm DATE 12-13-19 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 MAX. TEMPERATURE _____ °F
OPERATIONAL TEST PERFORMED BY mm DATE 12-13-19 SATISFACTORY YES ☒ NO ☐
D. HEATING ELEMENT TESTING: AMPS 35.6 VOLTS 480 TOTAL KW 30K
PERFORMED BY mm DATE 12-13-19 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	N/A	<u>12-13-19</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	mm				
PRESSURE CONTROLS					
HIGH LIMIT	mm	<u>12-13-19</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	mm	<u>12-13-19</u>	<u>TECMARK</u>	<u>03156-EC</u>	<u>04163</u>
OPERATING #2	N/A				
TEMPERATURE CONTROLS					
HIGH LIMIT	N/A				
OPERATING CONTROL					

F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☐

00# 434194

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

Rep. Installer Contractor (Name) _____

DATE 12-13-19 Signature Marshall McFarland

DATE _____ Signature _____



Replacement Parts List

Model Number: RBH30K3F

BOILER RBH 30KW 480V 3PH 100#

Reimers Electra Steam
4407 Martinsburg Pike
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"
04666	ELEMENT 480V 15KW 3P INCOLOY 8
02281	FLANGE GASKET 2.5" SQUARE 1/16
04574	FUSE 250V 3A CLASS RK5 TIME DE
04974	FUSE 600V 1A CLASS CC TRANSFOR
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
OPT1009-480-CL	OPT TRANSFORMER .25KVA 480/120
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
20992	PUMP SUBASSY 03693 120V 1 PH
21036	SHURFLO PUMP WITH TERMINAL BOX
05354	TRANSFORMER .25 KVA B WALL480
02472	VALVE BALL.25" NPT BRZ 200# W
02490	VALVE BALL.5" NPT BRZ 200# WS
03346	VALVE BALL.5" NPT BRZ W/LATCH
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