

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 116891

SERIAL # 116891

DATE (M/D/Y) 10 / 8 / 20 18

CRN # _____



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 **208V**

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)

WIRE DIAGRAM NO.

58. 90. 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 10-8-18 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 10-8-18 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 10-8-18 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 34.4 VOLTS 480 TOTAL kW 30K

PERFORMED BY mm DATE 10-8-18 SATISFACTORY YES ☒ NO ☐

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

	OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
<u>LOW WATER CUTOFF</u>	PERFORMED BY	PSI/°F				
AUTO RESET	<u>N/A</u>	<u>X</u>				
MANUAL RESET	<u>mm</u>	<u>X</u>	<u>10-8-18</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
<u>PRESSURE CONTROLS</u>						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>10-8-18</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>10-8-18</u>	<u>TECMARK</u>	<u>03156-EC</u>	<u>04163</u>
OPERATING #2	<u>N/A</u>					
<u>TEMPERATURE CONTROLS</u>						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

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

WO# 40543

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

DATE 10-8-18 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
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Clear Brook, VA 22624

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Field change to 208V
Replacement Parts List 11-2018

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

208V

<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 BDIM 18.5 208V
02281	FLANGE GASKET 2.5" SQUARE .062
02655	FUSE 250V 5A CLASS K5 FAST-ACT
04569	GAUGE GLASS .625" X 4.125" PYR
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# .25"
03693	PUMP 120V 1PH 8000-812-280 UL/
20992	PUMP SUBASSY 03693 120V 1 PH
21036	SHURFLO PUMP WITH TERMINAL BOX
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#
04761	VALVE SOLENOID .375" BRZ 120/6
02396	WATER GAUGE SET STANDARD SHANK