



STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 4 / 28 / 20 20



4407 Martinsburg Pike P: 540-662-3811
Clear Brook, VA 22624 F: 540-665-8101
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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# 124714

SERIAL # 124414

CRN # _____

WIRE DIAGRAM NO. _____

58.91.101.112.120.131.140.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 106 PERFORMED BY MM DATE 4-28-2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY MM DATE 4-28-2020 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 29-202A-100

STEAM 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 4-28-2020 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 35.9 VOLTS 480 TOTAL KW 30K

PERFORMED BY MM DATE 4-28-2020 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY _____ PSI/°F _____

AUTO RESET _____ N/A _____

MANUAL RESET _____ MM _____

PRESSURE CONTROLS _____

HIGH LIMIT _____ MM _____

OPERATING #1 _____ MM _____

OPERATING #2 _____ N/A _____

TEMPERATURE CONTROLS _____

HIGH LIMIT _____ N/A _____

OPERATING CONTROL _____

F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☐

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

DATE 4-28-2020 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

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
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 .
03693	PUMP 1.4 GPM 120V 1PH 8000-812
20992	PUMP SUBASSY 03693 120V 1 PH
21036	SHURFLO PUMP WITH TERMINAL BOX
05354	TRANSFORMER .25 KVA B WALL 480
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