

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 8 / 11 / 2020



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 RBH30C3F
MODEL PH-30
POWER SUPPLY VOLTAGE 208
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 30
POWER SUPPLY WIRE SIZE 2
(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

NAT. BD# 125404

SERIAL # 125404

CRN # _____

WIRE DIAGRAM NO.

CG 91.101.10.122.131.140.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 BB DATE 8/11/20 SATISFACTORY YES ☒ NO ☐
B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834) VOLTS 1200 PERFORMED BY MM DATE 8/12/20 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 8/12/20 SATISFACTORY YES ☒ NO ☐
D. HEATING ELEMENT TESTING: AMPS 96.5 VOLTS 208 TOTAL KW 30K
PERFORMED BY MM DATE 8/12/20 SATISFACTORY YES ☒ NO ☐

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

LOW WATER CUTOFF	OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART #
AUTO RESET	N/A	X	<u>8-12-20</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	<u>MM</u>	X				
PRESSURE CONTROLS						
HIGH LIMIT	<u>MM</u>	<u>90</u>	<u>8-12-20</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>MM</u>	<u>90</u>	<u>8-12-20</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 ☐

WCC# 414914

Rep. Reimers Electra Steam, INC. (Name) Marshall McFarland
DATE 8-12-20 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____
DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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

Replacement Parts List

Model Number: RBH30C3F

BOILER RBH 30KW 208V 3PH 100#

<u>Part Number</u>	<u>Description</u>
OPT1016-RB	AUTOMATIC FLUSH & DRAIN RB120V
20686	AUTOMATIC FLUSH SUBASSY REV2 (u
02616	BLOCK PWR DIST 3-2/0AWG 3 POLE
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"
04277	ELEMENT 208V 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 .
03693	PUMP 1.4 GPM 120V 1PH 8000-812
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 *
03219	VALVE BALL .75" NPT BRZ 200# W
02692	VALVE CHECK .5" NPT BRZ 125# W
02637	VALVE SAFETY .5" NPT BRZ 100#
05604	VALVE SOLENOID .375" BRZ 120/6
21191	WIRE 8 AWG LEFT ELEMENT RB
21190	WIRE 8 AWG RIGHT ELEMENT RB
21209	WIRE CONTACTOR TO PD BLOCK RB