

STEAM WORKSHEET

UL-FILE # E39545

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



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 RH-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# 122367

SERIAL # 122367

CRN # _____

WIRE DIAGRAM NO. _____

089101X120131140X100170180202 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 1-8-2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 1-8-2020 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) 10.5 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) _____ BTU/HR

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm

DATE 1-8-2020 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 91.2

VOLTS 208 TOTAL KW 30K

PERFORMED BY mm

DATE 1-8-2020 SATISFACTORY YES ☐ NO ☒

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

SETTING

OPERATIONAL TEST

LOW WATER CUTOFF PERFORMED BY N/A

DATE 1-8-2020

MANUFACTURER REIMERS

PART# 04316

AUTO RESET

PSI/°F X

DATE 1-8-2020

MANUFACTURER REIMERS

PART# 04316

MANUAL RESET

PSI/°F X

DATE 1-8-2020

MANUFACTURER REIMERS

PART# 04316

PRESSURE CONTROLS

PSI/°F 90

DATE 1-8-2020

MANUFACTURER TECMARK

PART# 04296

HIGH LIMIT

PSI/°F 80

DATE 1-8-2020

MANUFACTURER TECMARK

PART# 04163

OPERATING #1

PSI/°F N/A

DATE _____

MANUFACTURER _____

PART# _____

OPERATING #2

PSI/°F N/A

DATE _____

MANUFACTURER _____

PART# _____

TEMPERATURE CONTROLS

PSI/°F N/A

DATE _____

MANUFACTURER _____

PART# _____

HIGH LIMIT

PSI/°F N/A

DATE _____

MANUFACTURER _____

PART# _____

OPERATING CONTROL

PSI/°F N/A

DATE _____

MANUFACTURER _____

PART# _____

F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☒

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

DATE 1-8-2020

Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____

Signature _____

20# 43649



Replacement Parts List

Model Number: RBH30C3F

BOILER RBH 30KW 208V 3PH 100#

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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

<u>Part Number</u>	<u>Description</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
04574	FUSE 250V 3A CLASS RK5 TIME DE
04965	FUSE 600V 2.5A CLASS CC TRANSF
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
OPT1009-208RBH	OPT TRANSFORMER .25KVA 208/120
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
03693	PUMP 120V 1PH 8000-812-280 UL/
20992	PUMP SUBASSY 03693 120V 1 PH
21036	SHURFLO PUMP WITH TERMINAL BOX
04982	TRANSFORMER .25 KVA 208/120V U
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
OPT1019-NH	WHEEL KIT FOR RB REV3 W/NO HANDLE
21191	WIRE 8 AWG LEFT ELEMENT RB
21190	WIRE 8 AWG RIGHT ELEMENT RB
21209	WIRE CONTACTOR TO PD BLOCK RB