

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 141224

SERIAL # 141224

DATE (M/D/Y) 4/25/2025

CRN # _____



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 RB30C3A
MODEL R-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)

WIRE DIAGRAM NO.

08.91.100.110.120.131.140.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 15 PERFORMED BY mm DATE 4-25-25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 4-25-25 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # _____

STEAM BOILER ☒

HOT WATER BOILER ☐

MAX. W. P. _____ PSIG (VALVE ASME PLATE)

MAX. W. P. _____ PSIG (VALVE ASME PLATE)

CAPACITY _____ PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE _____ 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 4-25-25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 89.6 VOLTS 208 TOTAL kW 30K

PERFORMED BY mm DATE 4-25-25 SATISFACTORY YES ☒ NO ☐

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

LOW WATER CUTOFF	OPERATIONAL TEST PERFORMED BY	SETTING PSI/°F	DATE	MANUFACTURER	MFG. MODEL #	PART#
AUTO RESET	<u>N/A</u>	<u>X</u>	<u>4-25-25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	<u>mm</u>	<u>X</u>	<u>4-25-25</u>	<u>TECMARK</u>	<u>03160-EQ</u>	<u>05077</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>mm</u>	<u>15</u>	<u>4-25-25</u>	<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</u>
OPERATING #1	<u>mm</u>	<u>5</u>	<u>4-25-25</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 ☐

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

DATE 4-25-25 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: RB30C3A
BOILER RB 30KW 208V 3PH 15#

<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"
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
04162	PRESSURE CONTROL 5# OPERATING
05077	PRESSURE CONTROL 13.5# HI LIMIT
02451	PRESSURE GAUGE 2.5" 0-30# BRZ .
02692	VALVE CHECK .5" NPT BRZ 125# W
02010	VALVE SAFETY .75" NPT BRZ 15#
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
OPT-FUSE-5A-TD	OPTIONAL RB 5A TIME-DELAY FUSE
