

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 141704

SERIAL # 141704

DATE (M/D/Y) 6 / 10 / 20 12

WIRE DIAGRAM NO. 26-91, 100, 120, 131, 140, X, 160, 170, 180 REV 5

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 RB20E1A
MODEL R-20
POWER SUPPLY VOLTAGE 240
CONTROL VOLTAGE 120
PHASE 1
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 20
POWER SUPPLY WIRE SIZE 2

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

149394

TESTING SEQUENCE (TO BE COMPLETED BY THE QUALITY CONTROL MANAGER/CERTIFIED INDIVIDUAL)

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY mm DATE 6-10-25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 6-10-25 SATISFACTORY YES ☒ NO ☐

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

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) 70 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm DATE 6-10-25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 84.5 VOLTS 240 TOTAL kW 20K

PERFORMED BY mm DATE 6-10-25 SATISFACTORY YES ☒ NO ☐

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

	OPERATIONAL TEST	SETTING		DATE	MANUFACTURER	MFG. MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F					
AUTO RESET	<u>N/A</u>	<u>X</u>					
MANUAL RESET	<u>mm</u>	<u>X</u>		<u>6-10-25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS							
HIGH LIMIT	<u>mm</u>	<u>13.5</u>		<u>6-10-25</u>	<u>TECMARK</u>	<u>03160-EQ</u>	<u>05077</u>
OPERATING #1	<u>mm</u>	<u>5</u>		<u>6-10-25</u>	<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</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 6-10-25 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: RB20E1A

BOILER RB 20KW 240V 1PH 15#
SAFETY

<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"
04165	ELEMENT 240V 10KW 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 50# OPERATING
05077	PRESSURE CONTROL 13.5# HI LIMIT
02451	PRESSURE GAUGE 2" 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
OPT1008	SINGLE PHASE
