

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 139904

SERIAL # 139904

DATE (M/D/Y) 1 / 16 / 20 25

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 RB20E3F
 MODEL R-20
 POWER SUPPLY VOLTAGE 240
 CONTROL VOLTAGE 120
 PHASE 3
 FREQUENCY (HZ) 60
 MAX. W.P. 100
 KILOWATTS 20
 POWER SUPPLY WIRE SIZE 6
 (TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

M48673

WIRE DIAGRAM NO. _____
16. 91. 103. 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 100 PERFORMED BY mm DATE 1-16-25 SATISFACTORY YES NO

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)
 VOLTS 1200 PERFORMED BY mm DATE 1-16-25 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) 70 PPH REQUIRED CAPACITY (BTU/HR = 3412 x kW) _____ BTU/HR
 MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY mm DATE 1-16-25 SATISFACTORY YES NO

D. HEATING ELEMENT TESTING: AMPS 47.5 **VOLTS** 240 **TOTAL kW** 20K
 PERFORMED BY mm DATE 1-16-25 SATISFACTORY YES NO

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

OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
LOW WATER CUTOFF	PSI/°F				
AUTO RESET	PERFORMED BY				
	<u>N/A</u>				
MANUAL RESET	<u>mm</u>	<u>1-16-25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS					
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>1-16-25</u>	<u>TECMARK</u>	<u>03155-ED</u> <u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>1-16-25</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

Rep. Reimers Electra Steam, INC. (Name) Marshall McFarland
 DATE 1-16-25 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: RB20E3F

BOILER RB 20KW 240V 3PH 100# S

<u>Part Number</u>	<u>Description</u>
02539	CONTACTOR 75A 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
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
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
OPT1026	WIRED FOR CUSTOMER RETURN