

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 110937

SERIAL # 110937

DATE (M/D/Y) 8/3/2017

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 RB20G3A
MODEL R-20
POWER SUPPLY VOLTAGE 380
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 20
POWER SUPPLY WIRE SIZE 8

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO. 160, 170, 180
36, 91, 100, 113, 120, 131, 140, X REV 5

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY BB DATE 8/3/17 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY DC DATE 8/3/17 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO

Model # 29-202A-100
19-KCDA-15BN

STEAM BOILER ☒

HOT WATER BOILER ☐

MAX. W. P. 15 PSIG (VALVE ASME PLATE)

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

CAPACITY 310 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 3/4 IN

SIZE _____ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) _____ PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY DC

DATE 8/3/17 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 19.5

VOLTS 480 TOTAL KW 20K

PERFORMED BY DC

DATE 8/3/17 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>	<u>8/3/17</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
MANUAL RESET	<u>DC</u>	<u>X</u>	<u>8/3/17</u>	<u>TECMARK</u>	<u>03160-EQ</u>	<u>05077</u>
PRESSURE CONTROLS				<u>TECMARK</u>	<u>03160-EP</u>	<u>04162</u>
HIGH LIMIT	<u>DC</u>	<u>15</u>	<u>8/3/17</u>			
OPERATING #1	<u>DC</u>	<u>20</u>	<u>8/3/17</u>			
OPERATING #2	<u>N/A</u>	<u>10</u>	<u>8/3/17</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) Davis Goff

DATE 8/3/17 Signature [Signature]

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____

WO# 37723



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: RB20G3A

BOILER RB 20KW 380V 3 PH 15#
SAFETY

<u>Part Number</u>	<u>Description</u>
02530	CONTACTOR 50A 120V 3P UL/CSA
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 3PH B-DIM.=1
04253	ELEMENT 240V 15KW 3PH B-DIM=18
04574	FUSE 250V 3 AMP UL/CSA TD
04569	GAUGE GLASS .625" X 4.125" PYR
05077	PRESSURE CONTROL 13.5# HIGH LI
04162	PRESSURE CONTROL 5# OPERATING
04163	PRESSURE CONTROL 60# OPERATING *
04296	PRESSURE CONTROL 90# HI LIMIT *
02451	PRESSURE GAUGE 2.5" 0-30#
02475	TRANSFORMER .25KVA B WALL MT48
02472	VALVE BALL .25" 200# SWP SB584
02490	VALVE BALL .5" 200# SWP SB584
03346	VALVE BALL .5" W/LATCH 200 SWP
02692	VALVE CHECK .5" BALLCONE SPRIN
02010	VALVE SAFETY .75" 15# SWP 1" O
04761	VALVE SOLENOID .375" WATER AC
02396	WATER GAUGE SET STANDARD SHANK