

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 114747

SERIAL # 114747

DATE (M/D/Y) 5/1/2018

CRN #



4407 Martinsburg Pike P: 540-662-3811
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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH20E3F
MODEL RH-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)

WIRE DIAGRAM NO. 170, 180
16, 91, 101, 110, 120, 131, 140, 160 REV 5

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY BB DATE 5/1/18 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY DC DATE 5/1/18 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 DC DATE 5/1/18 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 46.7 VOLTS 240 TOTAL KW 20K

PERFORMED BY DC DATE 5/1/18 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	N/A	X				
MANUAL RESET	DC	X	5/1/18	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	DC	90	5/1/18	TECMARK	03155-ED	04296
OPERATING #1	DC	80	5/1/18	TECMARK	03156-EC	04163
OPERATING #2	N/A					
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

F. CHECKOUT: CHECKOUT LIST NO. SATISFACTORY YES ☐ NO ☐

wo # 39549

Rep. Reimers Electra Steam, INC. (Name)

DATE 5/1/18

Signature

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: RBH20E3F

BOILER RBH 20KW 240V 3 PH 100#
SAFETY W/PUMP

<u>Part Number</u>	<u>Description</u>
02539	CONTACTOR 75A 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
02281	FLANGE GASKET 2.5" SQUARE .062
04574	FUSE 250V 3A CLASS RK5 TIME DE
04965	FUSE 600V 2.5A CLASS CC TRANSF
04569	GAUGE GLASS .625" X 4.125" PYR
OPT1009-240RBH	OPT TRANSFORMER .25KVA 240/120
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2.0" .25" 0-160
03693	PUMP 120V 1PH 8000-812-280 UL/
20992	PUMP SUBASSY 03693 120V 1 PH
21036	SHURFLO PUMP WITH TERMINAL BOX
02475	TRANSFORMER .25KVA B WALL MT48
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 100# WSP
04761	VALVE SOLENOID .375" BRZ 120/6
02396	WATER GAUGE SET STANDARD SHANK
OPT1019-NH	WHEEL KIT FOR RB REV3 W/NO HANDLE