

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 107679

SERIAL # 107679

DATE (M/D/Y) 11/30/2016

CRN # _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH20K3F
MODEL RH-20
POWER SUPPLY VOLTAGE 480
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.

56.91.101.112.120.131.140.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 B. Butts DATE 11/30/16 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 11/30/16 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 _____ DATE _____ SATISFACTORY YES ☐ NO ☐

D. HEATING ELEMENT TESTING: AMPS 24.1

VOLTS 480 TOTAL kW 20K

PERFORMED BY B. Butts DATE 11/30/16 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>B. Butts</u>	<u>X</u>	<u>11/30/16</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>11/30/16</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>B. Butts</u>	<u>80</u>	<u>11/30/16</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) BRAD BUTTS

Rep. Installer Contractor (Name) _____

DATE 11/30/16 Signature Brad Butts

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RBH20K3F

BOILER RBH 20KW 480V 3 PH 100#

<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"
04166	ELEMENT 480V 10KW 3P BDIM=18 Y
04574	FUSE 250V 3 AMP UL/CSA
04974	FUSE 600V 1A CC/UL {transforme
02281	GASKET 2.5" SQUARE .0625 THICK
04569	GAUGE GLASS .625" X 4.125" PYR
OPT1009-480RBH	OPT TRANSFORMER .25KVA 480/120
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" 200# SWP SB584
02490	VALVE BALL .5" 200# SWP
03346	VALVE BALL .5" W/LATCH 200 SWP
02692	VALVE CHECK .5" BALLCONE SPRIN
02637	VALVE SAFETY .5" 100# SWP 1" O
04761	VALVE SOLENOID .375" WATER AC
02396	WATER GAUGE SET STANDARD SHANK
OPT1019-NH	WHEEL KIT FOR RB REV3 W/NO HANDLE