

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 114083

SERIAL # 714083

DATE (M/D/Y) 3/15/2018

CRN # _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBH20E1F
MODEL RH-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)

WIRE DIAGRAM NO. 170, 180
26, 91, 101, 110, 120, 131, 140, X, 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 DB DATE 3/15/18 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY DC DATE 3/15/18 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

OPERATIONAL TEST PERFORMED BY DC

MAX. TEMPERATURE _____ °F
DATE 3/15/18 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 81.5

VOLTS 240 TOTAL kW 20K

PERFORMED BY DC DATE 3/15/18 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	<u>N/A</u>	<u>X</u>				
MANUAL RESET	<u>DC</u>	<u>X</u>	<u>3/15/18</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>DC</u>	<u>90</u>	<u>3/15/18</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>DC</u>	<u>80</u>	<u>3/15/18</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 ☐

WG # 39159

Rep. Reimers Electra Steam, INC. (Name) Danig Coff
DATE 3/15/18 Signature [Signature]

Rep. Installer Contractor (Name) _____
DATE _____ Signature _____



Reimers Electra Steam
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Replacement Parts List

Model Number: RBH20E1F
BOILER RBH 20KW 240V 1 PH 100#
SAFETY W/PUMP

<u>Part Number</u>	<u>Description</u>
02622	BLOCK POWER DISTRIBUTION 2-2/0
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
02655	FUSE 250V 5A UL/CSA
02281	GASKET 2.5" SQUARE .0625 THICK
04569	GAUGE GLASS .625" X 4.125" PYR
OPT1008	OPTIONAL INSTALLED SINGLE PHAS
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
20651	STEAM WAND PKG W/20 DUAL HOSES
02472	VALVE BALL .25" 200# SWP BRZ S
02490	VALVE BALL .5" NPT 200# SWP BR
03346	VALVE BALL .5" NPT W/LATCH 200
02692	VALVE CHECK .5" BRZ 125# SWP B
02637	VALVE SAFETY .5" 100# SWP 1" O
04761	VALVE SOLENOID .375" BRZ 120/6
02396	WATER GAUGE SET STANDARD SHANK