

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 141324

SERIAL # 141324

DATE (M/D/Y) 4 / 14 / 20 25

CRN # _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBHC20E3F
MODEL RHC-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.

16.91.102.X.120.131.140.X.160.170.180.202 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 4.14.25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 4.14.25 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 4.14.25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 485 VOLTS 240 TOTAL kW 20K

PERFORMED BY mm DATE 4.14.25 SATISFACTORY YES ☒ NO ☐

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

	OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET	<u>N/A</u>	<u>X</u>				
MANUAL RESET	<u>mm</u>	<u>X</u>	<u>4.14.25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>4.14.25</u>	<u>TECMARK</u>	<u>03155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>4.14.25</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 ☐

149107

Rep. Reimers Electra Steam, INC. (Name) Marshall McFarland

DATE 4.14.25 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RBHC20E3F

**BOILER RBHC 20KW 240V 3PH
100# SAFETY W/PUMP & TANK**

<u>Part Number</u>	<u>Description</u>
20932	COND TANK 11 GAL ASSEMBLY
20791	CONDENSATE TANK MAKE UP VALVE ASY
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 FOR HEATING ELEMENTS
02086	FLANGE GASKET 6.5" RING FOR COND TANK
04994	FUSE 250V 10A CLASS RK5 TIME-DELAY
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02001	GAUGE FIXTURE SET .5" NPT BRZ FOR COND TANK
02396	GAUGE FIXTURE SET .5" NPT BRZ FOR BOILER
05594	GAUGE GLASS .625" X 4" DURAN FOR BOILER
02690	GAUGE GLASS .625" X 7.25" DURAN FOR COND TANK
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ
05909	PUMP 1/3 HP 115-230V 1PH 60HZ
21035	RB PUMP RELAY MODULE
02370	VALVE CHECK .5" NPT BRZ 200#
02462	VALVE CHECK .5" NPT BRZ 200#
02637	VALVE SAFETY .5" NPT BRZ 100#
21191	WIRE 8 AWG LEFT ELEMENT RB
21190	WIRE 8 AWG RIGHT ELEMENT RB
OPT1011-240RBHC	TRANSFORMER 1.5KVA 240/120V
