

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 8 / 25 / 20 20



4407 Martinsburg Pike P: 540-662-3811

Clear Brook, VA 22624 F: 540-665-8101

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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)

wo# 44993

NAT. BD# 125395

SERIAL # 125395

CRN #

WIRE DIAGRAM NO.

16.91.101.111.120.131.140.X.160.170.180

REV

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 8-25-20 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY mm DATE 8-25-20 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 8-25-20 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 47.4

VOLTS 240

TOTAL KW 20K

PERFORMED BY mm

DATE 8-25-20

SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY N/A

PSI/°F

AUTO RESET

X

MANUAL RESET

mm

X

PRESSURE CONTROLS

HIGH LIMIT

mm

90

OPERATING #1

mm

80

OPERATING #2

N/A

TEMPERATURE CONTROLS

HIGH LIMIT

N/A

OPERATING CONTROL

TECMARK

03155-ED

04296

F. CHECKOUT: CHECKOUT LIST NO.

MANUFACTURER

MFG. MODEL #

PART #

SATISFACTORY YES ☐ NO ☐

Rep. Reimers Electra Steam, INC. (Name)

Rep. Installer Contractor (Name)

DATE 8-25-20 Signature Marshall McFarland

DATE Signature



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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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 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
04574	FUSE 250V 3A CLASS RK5 TIME DE
04965	FUSE 600V 2.5A CLASS CC TRANSF
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
OPT1009-240RBH	OPT TRANSFORMER .25KVA 240/120
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
21036	SHURFLO PUMP WITH TERMINAL BOX
02475	TRANSFORMER .25 KVA B WALL 480
02692	VALVE CHECK .5" NPT BRZ 125# W
02637	VALVE SAFETY .5" NPT BRZ 100#
05604	VALVE SOLENOID .375" BRZ 120/6
21191	WIRE 8 AWG LEFT ELEMENT RB
21190	WIRE 8 AWG RIGHT ELEMENT RB