

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 10/9/2019



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 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)

NAT. BD# 121513

SERIAL # 121513

CRN #

WIRE DIAGRAM NO.

54.9, 101, 110, 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 MM DATE 10-9-19 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY MM DATE 10-9-19 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 29-202A-100

STEAM BOILER ☒

MAX. W.P. 100 PSIG (VALVE ASME PLATE)

CAPACITY 423 PPH (VALVE ASME PLATE)

SIZE 1/2 IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 70 PPH

MAX. TEMPERATURE °F

OPERATIONAL TEST PERFORMED BY MM DATE 10-9-19 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 23.8

VOLTS 480 TOTAL KW 20K

PERFORMED BY MM DATE 10-9-19 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY N/A

AUTO RESET X

MANUAL RESET MM

PRESSURE CONTROLS

HIGH LIMIT MM

OPERATING #1 MM

OPERATING #2 N/A

TEMPERATURE CONTROLS

HIGH LIMIT N/A

OPERATING CONTROL

F. CHECKOUT: CHECKOUT LIST NO.

SATISFACTORY YES ☐ NO ☐

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

DATE 10-9-19 Signature Marshall McFarland

Rep. Installer Contractor (Name)

DATE Signature

wo # 43103



Replacement Parts List

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

Toll Free: 1-800-872-7562
Phone: 540-662-3811
Website: www.reimersinc.com

Model Number: RBH20K3F
BOILER RBH 20KW 480V 3 PH 100#

<u>Part Number</u>	<u>Description</u>
02530	CONTACTOR 50A 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"
04166	ELEMENT 480V 10KW 3P INCOLOY 8
02281	FLANGE GASKET 2.5" SQUARE 1/16
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
20992	PUMP SUBASSY 03693 120V 1 PH
21189	RB LEFT ELEMENT WIRE 10 AWG
21188	RB RIGHT ELEMENT WIRE 10AWG
21036	SHURFLO PUMP WITH TERMINAL BOX
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 BRZ 100#
05604	VALVE SOLENOID .375" BRZ 120/6