

Marshall

STEAM WORKSHEET
UL-FILE # E39545

NAT. BD# 125190

SERIAL # 125190

DATE (M/D/Y) 7 / 15 / 20 20

WIRE DIAGRAM NO.

56.91.103.110.120.131.140.2.160.170.180

REV 5

CRN #



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBHC20K3F

MODEL RHC-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)

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY MM DATE 7-15-2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY MM DATE 7-15-2020 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

D. HEATING ELEMENT TESTING: AMPS 23.3

PERFORMED BY MM

VOLTS 480

DATE 7-15-2020

REQUIRED CAPACITY (BTU/HR = 3412 x kW) 20 KW

SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

PSI/°F

X

X

90

70

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

F. CHECKOUT: CHECKOUT LIST NO.

SATISFACTORY YES ☐ NO ☐

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

DATE 7-15-2020 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: RBHC20K3F
BOILER RBHC 20KW 480V 3PH 100#

<u>Part Number</u>	<u>Description</u>
20932	COND TANK 11 GAL 2011 DESIGN S
20791	CONDENSATE TANK MAKE UP VALVE
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
02086	FLANGE GASKET 6.5" RING COND T
04994	FUSE 250V 10A CLASS RK5 TIME D
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02001	GAUGE FIXTURE SET .5" NPT BRZ
02396	GAUGE FIXTURE SET .5" NPT BRZ
05594	GAUGE GLASS .625" X 4" DURAN H
02690	GAUGE GLASS .625" X 7.25" DURA
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
04661	PRESSURE GAUGE 2" 0-160# BRZ .
02360	PUMP 1/3 HP 115-230V 1P 60HZ F
21035	RB PUMP RELAY MODULE
04788	RELAY POWER 120V 30A GENERAL P
02472	VALVE BALL .25" NPT BRZ 200# W
02490	VALVE BALL .5" NPT BRZ 200# WS
03346	VALVE BALL .5" NPT BRZ W/LATCH
02514	VALVE BALL .75" NPT BRZ 200# W
02370	VALVE CHECK .5" NPT BRZ 200# W
02462	VALVE CHECK .5" NPT BRZ 200# W
02637	VALVE SAFETY .5" NPT BRZ 100#
21189	WIRE 10 AWG LEFT ELEMENT RB
21188	WIRE 10 AWG RIGHT ELEMENT RB