

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 1 / 16 / 20 20



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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RBHC30K3F

MODEL RHC-30

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 100

KILOWATTS 30

POWER SUPPLY WIRE SIZE 8

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

W.O.# 43719

NAT. BD# 122388

SERIAL # 122388

CRN # _____

WIRE DIAGRAM NO.

50 41, 102, 110, 120, 131, 140, 150, 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 1-16-2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2552 PERFORMED BY mm DATE 1-16-2020 SATISFACTORY YES ☒ NO ☐

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

STEAM BOILER ☒

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

CAPACITY 423 PPH (VALVE ASME PLATE) _____ BTU/HR (VALVE ASME PLATE) _____

SIZE 1/2 IN _____ IN _____

REQUIRED CAPACITY (PPH = 3.5 x kW) 105 PPH _____ BTU/HR _____

MAX. TEMPERATURE _____ °F _____

OPERATIONAL TEST PERFORMED BY mm DATE 1-16-2020 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 364 VOLTS 480 TOTAL KW 30K

PERFORMED BY mm DATE 1-16-2020 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

LOW WATER CUTOFF PERFORMED BY _____

AUTO RESET N/A

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 1-16-2020 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
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Replacement Parts List

Model Number: RBHC30K3F

**BOILER RBHC 30KW 480V 3PH 100#
SAFETY W/PUMP & TANK**

<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"
04666	ELEMENT 480V 15KW 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 RBHC REV3 Z1054-ND
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
02462	VALVE CHECK.5" NPT BRZ 125# W
02370	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