

Marshall

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 8 / 13 / 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 RBH30C3F
MODEL RH-30
POWER SUPPLY VOLTAGE 208
CONTROL VOLTAGE 120
PHASE 3
FREQUENCY (HZ) 60
MAX. W.P. 100
KILOWATTS 30
POWER SUPPLY WIRE SIZE 2
(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

NAT. BD# 125407

SERIAL # 125407

WIRE DIAGRAM NO.

08, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

REV 5

CRN #

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY MM DATE 8-13-20 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 1200 PERFORMED BY MM DATE 8-13-20 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) 105 PPH

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

MAX. TEMPERATURE °F

OPERATIONAL TEST PERFORMED BY MM

DATE 8-13-20 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 95.5

VOLTS 208 TOTAL KW 30K

DATE 8-13-20 SATISFACTORY YES ☒ NO ☐

PERFORMED BY MM

DATE 8-13-20 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

PSI/°F X X

LOW WATER CUTOFF PERFORMED BY N/A

AUTO RESET

MANUAL RESET MM

PRESSURE CONTROLS

HIGH LIMIT MM

OPERATING #1 MM

OPERATING #2 N/A

TEMPERATURE CONTROLS

HIGH LIMIT N/A

OPERATING CONTROL

DATE 8-13-20

8-13-20

8-13-20

REIMERS

TECMARK

TECMARK

04316

03155-ED

03156-EC

04316

04296

04163

F. CHECKOUT: CHECKOUT LIST NO.

SATISFACTORY YES ☐ NO ☐

Rep. Reimers Electra Steam, INC. (Name)

Rep. Installer Contractor (Name)

DATE 8-13-20 Signature Marshall M. Fairland

DATE Signature



Replacement Parts List

Model Number: RBH30C3F

BOILER RBH 30KW 208V 3PH 100#

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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<u>Part Number</u>	<u>Description</u>
02616	BLOCK PWR DIST 3-2/0AWG 3 POLE
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"
04277	ELEMENT 208V 15KW 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 .
03693	PUMP 1.4 GPM 120V 1PH 8000-812
20992	PUMP SUBASSY 03693 120V 1 PH
21036	SHURFLO PUMP WITH TERMINAL BOX
02472	VALVE BALL .25" NPT BRZ 200# W
02490	VALVE BALL .5" NPT BRZ 200# WS
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
21209	WIRE CONTACTOR TO PD BLOCK RB