



STEAM WORKSHEET
UL-FILE # E39545

DATE (M/D/Y) 8 / 7 / 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 RBH30K3F
MODEL RH-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)

NAT. BD# 125385

SERIAL # 125385

CRN #

WIRE DIAGRAM NO.
58.91.101.110.120.131.140.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 8-7-20 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)
VOLTS 2352 PERFORMED BY mm DATE 8-7-20 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 MAX. TEMPERATURE °F
OPERATIONAL TEST PERFORMED BY mm DATE 8-7-20 SATISFACTORY YES ☒ NO ☐
D. HEATING ELEMENT TESTING: AMPS 35.4 VOLTS 480 TOTAL kW 30K
PERFORMED BY mm DATE 8-7-20 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART #
LOW WATER CUTOFF	PSI/°F				
AUTO RESET	X	8-7-20	REIMERS	04316	04316
MANUAL RESET	N/A				
PRESSURE CONTROLS					
HIGH LIMIT	90	8-7-20	TECMARK	03155-ED	04296
OPERATING #1	80	8-7-20	TECMARK	03156-EC	04163
OPERATING #2	N/A				
TEMPERATURE CONTROLS					
HIGH LIMIT					
OPERATING CONTROL	N/A				

F. CHECKOUT: CHECKOUT LIST NO. SATISFACTORY YES ☐ NO ☐

WO # 214886

Rep. Reimers Electra Steam, INC. (Name) Marshall M Forland
DATE 8-7-20 Signature Marshall M Forland

Rep. Installer Contractor (Name) _____
DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

Toll Free: 1-800-872-7562
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Replacement Parts List

Model Number: RBH30K3F
BOILER RBH 30KW 480V 3PH 100#

<u>Part Number</u>	<u>Description</u>
02530	CONTACTOR 50A 120V 3P DEFINITE
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
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
21189	WIRE 10 AWG LEFT ELEMENT RB
21188	WIRE 10 AWG RIGHT ELEMENT RB