

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 129575

SERIAL # 129575

DATE (M/D/Y) 12 / 9 / 20 21

CRN # _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RB30K3A

MODEL R-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)

WIRE DIAGRAM NO.

58, 91, 100, 110, 120, 131, 140, X160, 170, 180

REV 5

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY mm DATE 12-9-21 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 12-9-21 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # _____

STEAM BOILER ☒

HOT WATER BOILER ☐

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

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

CAPACITY _____ PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE _____ 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 12-9-21 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 35.9 VOLTS 480 TOTAL kW 30K

PERFORMED BY mm DATE 12-9-21 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
LOW WATER CUTOFF					
AUTO RESET	N/A				
MANUAL RESET	mm	12-9-21	REIMERS	04316	04316
PRESSURE CONTROLS					
HIGH LIMIT	mm	12-9-21	TECMARK	03160-EQ	05077
OPERATING #1	mm	12-9-21	TECMARK	03160-EP	04162
OPERATING #2	N/A				
TEMPERATURE CONTROLS					
HIGH LIMIT	N/A				
OPERATING CONTROL					

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

1141805

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

DATE 12-9-21 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
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Replacement Parts List

Model Number: RB30K3A

BOILER RB 30KW 480V 3PH 15# SA

<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"
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
05077	PRESSURE CONTROL 13.5# HIGH LI
04162	PRESSURE CONTROL 5# OPERATING
02451	PRESSURE GAUGE 2.5" 0-30# BRZ
02692	VALVE CHECK .5" NPT BRZ 125# W
02010	VALVE SAFETY .75" NPT BRZ 15#
05604	VALVE SOLENOID .375" BRZ 120/6
21189	WIRE 10 AWG LEFT ELEMENT RB
21188	WIRE 10 AWG RIGHT ELEMENT RB
OPT1045	OPT EXTENDED PRESSURE GAUGE