

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 6 / 17 / 20 20



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RE20K3A
MODEL R-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)

WO# 44617

NAT. BD# 122938

SERIAL #

122938

CRN #

WIRE DIAGRAM NO.

56, 91, 100, 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 15 PERFORMED BY MM DATE 6-17-2020 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY MM DATE 6-17-2020 SATISFACTORY YES ☒ NO ☐

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

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) 70 PPH

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

MAX. TEMPERATURE °F

OPERATIONAL TEST PERFORMED BY MM DATE 6-17-2020

SATISFACTORY YES ☐ NO ☒

D. HEATING ELEMENT TESTING: AMPS 24.2

VOLTS 480 TOTAL KW 20K

PERFORMED BY MM

DATE 6-17-2020

SATISFACTORY YES ☐ NO ☒

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

OPERATIONAL TEST

SETTING

LOW WATER CUTOFF PERFORMED BY N/A

DATE

MANUFACTURER

PART#

AUTO RESET

PSI/°F

DATE

MANUFACTURER

PART#

MANUAL RESET

PSI/°F

DATE

MANUFACTURER

PART#

PRESSURE CONTROLS

HIGH LIMIT

PERFORMED BY MM

PSI/°F

DATE

MANUFACTURER

PART#

OPERATING #1

PERFORMED BY MM

PSI/°F

DATE

MANUFACTURER

PART#

OPERATING #2

PERFORMED BY N/A

PSI/°F

DATE

MANUFACTURER

PART#

TEMPERATURE CONTROLS

HIGH LIMIT

PERFORMED BY N/A

PSI/°F

DATE

MANUFACTURER

PART#

OPERATING CONTROL

PERFORMED BY N/A

PSI/°F

DATE

MANUFACTURER

PART#

F. CHECKOUT: CHECKOUT LIST NO.

SATISFACTORY YES ☐ NO ☐

Rep. Reimers Electra Steam, INC. (Name)

Rep. Installer Contractor (Name)

DATE 6-17-2020 Signature Marshall M. Farland

DATE Signature



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RE20K3A

BOILER RE 20KW 480V 3PH 15# SA

<u>Part Number</u>	<u>Description</u>
02530	CONTACTOR 50A 120V 3P DEFINITE
MBJ135	ELECTRODE FITTING 135 MM/5.3"
04166	ELEMENT 480V 10KW 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
21240	RE SOLENOID VALVE SUBASY
04316-20	RELAY SOLID STATE 120V 30A 1P
20592	RESET SWITCH & WIRE TO RELAY J J,JG BOILER
04213	SWITCH ILLUMINATED RED W/WHITE
02472	VALVE BALL .25" NPT BRZ 200# W
02490	VALVE BALL .5" NPT BRZ 200# WS
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