

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 140902

SERIAL # 140902

DATE (M/D/Y) 12/30/2024

CRN # _____

WIRE DIAGRAM NO. _____ REV _____



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

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RVHC150K3A
 MODEL RTHC-150
 POWER SUPPLY VOLTAGE 480
 CONTROL VOLTAGE 120
 PHASE 3
 FREQUENCY (HZ) 60
 MAX. W.P 100
 KILOWATTS 150
 POWER SUPPLY WIRE SIZE 300

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

1148553

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY B. Butts DATE 12/30/24 SATISFACTORY YES NO

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 12/30/24 SATISFACTORY YES NO

C. SAFETY RELIEF VALVE: MANUFACTURER COMBRACO Model # 19-KGFA-15

STEAM BOILER

HOT WATER BOILER

MAX. W. P. 15 PSIG (VALVE ASME PLATE)

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

CAPACITY 794 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 1 1/4 IN

SIZE _____ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 525 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY B. Butts DATE _____ SATISFACTORY YES NO

D. HEATING ELEMENT TESTING: AMPS 179 VOLTS 480 TOTAL KW 150

PERFORMED BY B. Butts DATE 12/30/24 SATISFACTORY YES NO

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

| | OPERATIONAL TEST | SETTING | DATE | MANUFACTURER | MFG. MODEL # | PART# |
|-----------------------------|------------------|-----------|-----------------|----------------|----------------|--------------|
| LOW WATER CUTOFF | PERFORMED BY | PSI/°F | | | | |
| AUTO RESET | <u>N/A</u> | <u>X</u> | | | | |
| MANUAL RESET | <u>B. Butts</u> | <u>X</u> | <u>12/30/24</u> | <u>REIMERS</u> | <u>04316</u> | <u>04316</u> |
| PRESSURE CONTROLS | | | | | | |
| HIGH LIMIT | <u>B. Butts</u> | <u>14</u> | <u>12/30/24</u> | <u>TECMARK</u> | <u>3160-EQ</u> | <u>05077</u> |
| OPERATING #1 | <u>B. Butts</u> | <u>12</u> | <u>12/30/24</u> | <u>TECMARK</u> | <u>3160-EP</u> | <u>04162</u> |
| OPERATING #2 | <u>N/A</u> | | | | | |
| TEMPERATURE CONTROLS | | | | | | |
| HIGH LIMIT | <u>N/A</u> | | | | | |
| OPERATING CONTROL | | | | | | |

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

Rep. Reimers Electra Steam, INC. (Name) BRAD BUTTS

Rep. Installer Contractor (Name) _____

DATE 12/30/24 Signature Brad Butts

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RVHC150K3A
BOILER RVHC 150KW 480V 3PH
15# SAFTEY

| <u>Part Number</u> | <u>Description</u> |
|--------------------|----------------------------------|
| 05716 | COND TANK 30 GAL VERTICAL |
| 03445 | CONTACTOR35A 120V 2P DEFINITE |
| 02530 | CONTACTOR50A 120V 3P DEFINITE |
| 05048 | CONTROLLER HONEYWELL T775U2016 |
| 20838 | CONTROLLER 04316-EBC-LED |
| 05634 | ELEMENT 480V 2 X 15KW 3P 304SS |
| 05615 | EXTERNAL WATER COLUMN CAST 1" |
| 05390 | FLANGE GASKET 5.25" RING 1/16" |
| 02125 | FUSE 250V 15A CLASS K5 FAST-AC |
| 02655 | FUSE 250V 5A CLASS K5 FAST-ACT |
| 02518 | FUSE 600V 50A CLASS K5 |
| 05427 | FUSE 600V 1.5A CLASS CC |
| 03350 | FUSE 600V 50A CLASS J FAST-ACT |
| 02396 | GAUGE FIXTURE SET .5" NPT BRZ |
| 02001 | GAUGE FIXTURE SET .5" NPT BRZ |
| 05596 | GAUGE GLASS .625" X 10.125" DU |
| 05592 | GAUGE GLASS .625" X 5.75" DURA |
| 04162 | PRESSURE CONTROL 5# OPERATING |
| 05077 | PRESSURE CONTROL 13.5# HIGH LI |
| 02451 | PRESSURE GAUGE 2.5" 0-30# BRZ |
| 05911 | PUMP 1/3 HP 208-230/460V 3P |
| 05291 | STEP CONTROL & STAGE SELECTRONIX |
| 03325 | STRAINER .5" NPT Y BRZ 200# WSP |
| 02027 | STRAINER CI 1" BURKS |
| 02370 | VALVE CHECK .5" NPT BRZ 200# W |
| 02462 | VALVE CHECK .5" NPT BRZ 200# W |
| 02408 | VALVESAFETY 1.25" NPT BRZ 15# |