

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 140903

SERIAL # 140903

DATE (M/D/Y) 1 / 23 / 20 25

WIRE DIAGRAM NO. _____ REV 2

CRN # _____



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 RVHC150K3F
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)

1148589

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY mm DATE 1-23-25 SATISFACTORY YES NO

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY mm DATE 1-23-25 SATISFACTORY YES NO

C. SAFETY RELIEF VALVE: MANUFACTURER _____ 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) 525 PPH

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

OPERATIONAL TEST PERFORMED BY mm DATE 1-23-25 SATISFACTORY YES NO

D. HEATING ELEMENT TESTING: AMPS 34.8 VOLTS 480 TOTAL KW 150

PERFORMED BY mm DATE 1-23-25 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>mm</u> | <u>X</u> | <u>1-23-25</u> | <u>REIMERS</u> | <u>04316</u> | <u>04316</u> |
| PRESSURE CONTROLS | | | | | | |
| HIGH LIMIT | <u>mm</u> | <u>90</u> | <u>1-23-25</u> | <u>ROBERTSHAW</u> | <u>016-5151-035</u> | <u>05665</u> |
| OPERATING #1 | <u>mm</u> | <u>85</u> | <u>1-23-25</u> | <u>ROBERTSHAW</u> | <u>016-5100-035</u> | <u>05664</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) Marshall McFarland

DATE 1-23-25 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Replacement Parts List

Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

TollFree: 1-800-872-7562
Phone: 540-662-3811
Website: www.reimersinc.com

Model Number: RVHC150K3F
BOILER RVHC 150KW 480V 3PH
100# SAFTEY

| <u>Part Number</u> | <u>Description</u> |
|--------------------|--|
| 05716 | COND TANK 30 GAL VERTICAL |
| 03445 | CONTACTOR35A120V 2P DEFINITE |
| 02530 | CONTACTOR50A120V 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 FOR BOILER |
| 02001 | GAUGE FIXTURE SET .5" NPT BRZ FOR COND TANK |
| 05596 | GAUGE GLASS .625" X 10.125" FOR COND TANK |
| 05592 | GAUGE GLASS .625" X 5.75" FOR BOILER |
| 05664 | PRESSURE CONTROL 80# OPERATING |
| 05665 | PRESSURE CONTROL 90# HIGH LIMIT |
| 02329 | PRESSURE GAUGE 2.5" 0-160# BRZ |
| 05911 | PUMP 1/3 HP 208-230/460V 3P |
| 05291 | STEP CONTROL & STAGE SELECTRONIX |
| 03325 | STRAINER .5" NPT Y BRZ 200# WSP |
| 05846 | STRAINER 1" NPT Y BRZ 200# |
| 02370 | VALVE CHECK .5" NPT BRZ 200# W |
| 02462 | VALVE CHECK .5" NPT BRZ 200# W |
| 02337 | VALVE SAFETY .75" NPT BRZ 100# |
| 04440 | WIRE STR #8 TGGT PTFE 600V 250C - HEATING ELEMENTS |
| OPT1011-480RV | TRANSFORMER 1.5KVA 40V/120V |
| OPT1016-RV | AUTOMATIC FLUSH & DRAIN |
| BTANK-10-C-V | BTANK 10" CLOSED |
| OPT1043-RV | STEEL SKID - USED PART# 21282-1 |
