

# STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 128292

SERIAL # 128292

DATE (M/D/Y) 12/17/2021

CRN # \_\_\_\_\_



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## NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RVH150K3F

MODEL RTH-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)

WIRE DIAGRAM NO. \_\_\_\_\_

REV \_\_\_\_\_

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

### A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 100 PERFORMED BY B. Butts DATE 12/17/21 SATISFACTORY YES ☒ NO ☐

### B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 12/17/21 SATISFACTORY YES ☒ NO ☐

### C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 19-KEDA-100

STEAM BOILER ☒

HOT WATER BOILER ☐

MAX. W. P. 100 PSIG (VALVE ASME PLATE)

MAX. W. P. \_\_\_\_\_ PSIG (VALVE ASME PLATE)

CAPACITY 1152 PPH (VALVE ASME PLATE)

CAPACITY \_\_\_\_\_ BTU/HR (VALVE ASME PLATE)

SIZE 3/4 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 12/17/21 SATISFACTORY YES ☒ NO ☐

### D. HEATING ELEMENT TESTING: AMPS 177 VOLTS 480 TOTAL KW 150

PERFORMED BY B. Butts DATE 12/17/21 SATISFACTORY YES ☒ NO ☐

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

|                             | OPERATIONAL TEST | SETTING   | DATE            | MANUFACTURER      | MFG. MODEL #        | PART#        |
|-----------------------------|------------------|-----------|-----------------|-------------------|---------------------|--------------|
| LOW WATER CUTOFF            | PERFORMED BY     | PSI/°F    |                 |                   |                     |              |
| AUTO RESET                  | <u>N/A</u>       | <u>X</u>  |                 |                   |                     |              |
| MANUAL RESET                | <u>B. Butts</u>  | <u>X</u>  | <u>12/17/21</u> | <u>REIMERS</u>    | <u>04316</u>        | <u>04316</u> |
| <b>PRESSURE CONTROLS</b>    |                  |           |                 |                   |                     |              |
| HIGH LIMIT                  | <u>B. Butts</u>  | <u>90</u> | <u>12/17/21</u> | <u>ROBERTSHAW</u> | <u>016-5151-035</u> | <u>05665</u> |
| OPERATING #1                | <u>B. Butts</u>  | <u>85</u> | <u>12/17/21</u> | <u>ROBERTSHAW</u> | <u>016-5100-035</u> | <u>05664</u> |
| OPERATING #2                |                  |           |                 |                   |                     |              |
| <b>TEMPERATURE CONTROLS</b> |                  |           |                 |                   |                     |              |
| HIGH LIMIT                  |                  |           |                 |                   |                     |              |
| OPERATING CONTROL           |                  |           |                 |                   |                     |              |

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

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

DATE 12/17/21 Signature Brad Butts

Rep. Installer Contractor (Name) \_\_\_\_\_

DATE \_\_\_\_\_ Signature \_\_\_\_\_



Reimers Electra Steam  
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## Replacement Parts List

Model Number: RVH150K3F

BOILER RVH 150KW 480V 3PH 100#

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| <u>Part Number</u> | <u>Description</u>             |
|--------------------|--------------------------------|
| 02530              | CONTACTOR 50A 120V 3P DEFINITE |
| 05048              | CONTROLLER HONEYWELL T775U2016 |
| 05634              | ELEMENT 480V 2 X 15KW 3P 304SS |
| 05615              | EXTERNAL WATER COLUMN CAST 1"  |
| 05390              | FLANGE GASKET 5.25" RING 1/16" |
| 03352              | FUSE 600V 60A CLASS J FAST-ACT |
| 02136              | FUSE 600V 60A CLASS K5 FAST-AC |
| 02396              | GAUGE FIXTURE SET .5" NPT BRZ  |
| 05596              | GAUGE GLASS .625" X 10.125" DU |
| 05009              | MOTOR PROCON 1/3 HP 115V 1P 60 |
| 05664              | PRESSURE CONTROL 80# OPERATING |
| 05665              | PRESSURE CONTROL 90# MANUAL RE |
| 02329              | PRESSURE GAUGE 2.5" 0-160# BRZ |
| 05008              | PUMP PROCON 140 GPH BRS SERIES |
| 05694              | PUMP PROCON 215 GPH BRS SERIES |
| 02692              | VALVE CHECK .5" NPT BRZ 125# W |
| 02462              | VALVE CHECK .5" NPT BRZ 200# W |
| 02464              | VALVE GLOBE 1.5" NPT BRZ 200#  |
| 02337              | VALVE SAFETY .75" NPT BRZ 100# |
| 02301              | VALVE SOLENOID .5" BRZ 120/60  |