

CRN# Convert to RB30K3A 11/16/12 NATBLD# 70383 SERIAL# 72352  
OPERATIONAL TEST/ELECTRIC AND STEAM

MODEL .....~~RB30E3A~~ RB30K3A  
WIRE DIAG.....  
WIRE SIZE...12  
HZ.....60  
VOLTS.....~~240~~ 480  
CONTROL VOLT....120  
PHASE...3  
PRESSURE...5  
KILOWATTS...30  
CAPACITY 104 PPH/BTU/HR

DAY/MONTH 15/11 2012  
VOLTS 480 AMPS 36.7 TOTAL WATTS 30K  
PRESSURE 5 DIFF 1

Reimers Electra Steam, 4407 Matrinsburg, Pike  
Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

UL FILE # E39545

HEATER VOLTS 480  
KW 30  
PH 3 HZ 60

MAX. W.P. 100 (NAMEPLATE)  
MIN. SAFETY VALVE CAP. 105 PPH

MAX. W.P. \_\_\_\_\_ PSIG  
MAX. TEMP. \_\_\_\_\_ DEG F  
MIN. SAFETY VALVE CAP \_\_\_\_\_ PPH OR BTU  
(3412 X KW)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 15 BY OC DATE 11/15/12  
LOW WATER CUTOFF \_\_\_\_\_ HI WATER CUTOFF \_\_\_\_\_

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2350 SAT ☒ UNSAT \_\_\_\_\_ BY OC DATE 11/15/12 (IAW U.L. 834)  
(CORRECTED/RETEST) \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_ CORRECTIVE ACTION \_\_\_\_\_

SAFETY VALVE

CAPACITY 310  
LB PER HR.

OPERATIONAL  
TEST ☒

HOT WATER

APPEARANCE ☒  
BLOWDOWN MAN ☒ AUTO ☒  
CONDENSATE TANK \_\_\_\_\_  
CONDENSATE & PIPE, ECT \_\_\_\_\_  
CONTROLS ☒  
ELEMENT ☒  
FEED WATER VALVES ☒  
INSTRUCTION BOOK ☒  
LEAK INSPECTION ☒  
PAINT ☒  
PANEL ☒  
PIPES ☒  
PRESSURE CONTROLS ☒  
SHEET METAL ☒  
STEAM VALVE ☒  
STEAM GAUGE ☒  
STRANIER ☒  
WARNING TAGS ☒  
WATER GAUGE FITTINGS ☒  
WIRE TERMINALS TIGHT ☒  
WIRING DIA. ☒  
ELEMENT QTY. 2  
ELEMENT VOLT/KW 480 15  
JURISDICTION = VA.  
FUEL =ELECTRIC

NAMEPLATE: O.P. 15 KW 30 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY (Print) David E. Coffin DATE 11/15/12

Signature David E. Coffin

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE  
(REF: ASME CSD-1, CG-500)

0024147

## Work Order Traveler

SCHEDULED START: 11/16/12

DUE DATE: 11/16/12

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0024147

ITEM NUMBER: **RB30K3A**DESCRIPTION: **BOILER RB 30KW 480V 3PH 15# SA**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

| QTY | PART     | DESCRIPTION                    | QTY | PART       | DESCRIPTION                    |
|-----|----------|--------------------------------|-----|------------|--------------------------------|
| 1   | 20654    | BRACKET SOLENOID VALVE         | 1   | RB30-SUBAS | SUBASSEMBLY RB 10 THRU 30 BOIL |
| 1   | 04462    | BUSHING .375 X .25 BRASS SB16  | 6   | 04080      | TERMINAL RING FOR # 8 AWG WIR  |
| 1   | 03944    | BUSHING .5 X .375 BRASS (PARKE | 6   | 02741      | TERMINAL RING 10-12WIRE #10STU |
| -1  | 03945    | BUSHING .75 X .5 BRASS (PARKER | 1   | 03818      | TICKET HOLDER FOR SHOP CLEAR F |
| 1   | 04701    | CARTON RB 30W 35L 28.75H SLOT  | 1   | 02490      | VALVE BALL .5" 200# SWP        |
| 1   | 02254    | CONNECTOR .375" 2 SCREW NEER   | 1   | 03346      | VALVE BALL .5" W/LATCH 200 SWP |
| 1   | 02530    | CONTACTOR 50A 120V 3P UL/CSA   | 1   | 02010      | VALVE SAFETY .75" 15# SWP 1" O |
| 1   | 20838    | CONTROLLER 04316-EBC-LED       | 1   | 04761      | VALVE SOLENOID .375" 120V WATE |
| -1  | 04781    | COUPLING .5" BRASS B16.15 125  | 10  | 04278      | WIRE #10 TGGT PTFE INS. W/GLAS |
| 1   | 04786    | COUPLING FULL .75" BRASS B 16. | 2   | 04789      | WIRE SADDLE NYLON LOCKING      |
| 1   | 20775-11 | COVER ELEMENT TERMINALS RB REV |     |            |                                |
| 1   | 20775-7  | COVER RIGHT ELEC BOX RB REV3   |     |            |                                |
| 1   | 04229    | DECAL SHEET                    |     |            |                                |
| 1   | 04813    | DINCONNECTOR/CORD FOR RB BOILE |     |            |                                |
| 2   | 02998    | ELBOW .375" 90 DEG. BRASS B62  |     |            |                                |
| 1   | 03923    | ELBOW .5" TUBE X .375" NPT SB  |     |            |                                |
| -2  | 04164    | ELEMENT 208V 10KW 3PH B-DIM.=1 |     |            |                                |
| 2   | 04666    | ELEMENT 480V 15KW 3P BDIM 18.5 |     |            |                                |
| 1   | 02655    | FUSE 250V 5A UL/CSA            |     |            |                                |
| 1   | 20862    | LABEL MAX. TORQUE 40. LB IN /0 |     |            |                                |
| 1   | 20860    | LABEL MAX. TORQUE 7.0 LB IN /0 |     |            |                                |
| 1   | 04301    | LABEL NAMEPLATE UL/CSA 3.48 X  |     |            |                                |
| 2   | 03077    | LOCKWASHER .25" STEEL HELICAL  |     |            |                                |
| 1   | 20840    | MANIFOLD FEED WATER SUBASSY RB |     |            |                                |
| 1   | 04668    | NIPPLE .25" X 1.125" BRASS SCH |     |            |                                |
| 2   | 03948    | NIPPLE .375 X CLOSE BRASS (PAR |     |            |                                |
| 1   | 04784    | NIPPLE .375" X 4" BRASS ASTM B |     |            |                                |
| -1  | 03949    | NIPPLE .5 X CLOSE BRASS SCH 40 |     |            |                                |
| 1   | 04777    | NIPPLE .75" X 2" BRASS ASTM B4 |     |            |                                |
| 1   | 04787    | NUT .25-20 WING ZINC PLATED    |     |            |                                |
| 2   | 01351    | NUT .25-20HEX JAM PLATE        |     |            |                                |
| 2   | 04162    | PRESSURE CONTROL 5# OPERATING  |     |            |                                |
| 1   | 20842    | PRESSURE CONTROL MANIFOLD RB R |     |            |                                |
| 1   | 02451    | PRESSURE GAUGE 2.5" 0-30# ASHC |     |            |                                |
| 1   | 20775-9  | PUMP BASE MOUNTING BRACKET     |     |            |                                |
| 1   | 20775-8  | PUMP BASE SOL VAL. RB REV3 ASS |     |            |                                |
| 1   | 04593    | SCREW .25-20 X .75 HEX CAP PLA |     |            |                                |
| 1   | 04760    | SCREW 1/4"-20 X .75" PAN HEAD  |     |            |                                |
| 8   | 01291    | SCREW 8-32X.25RDHD SLT MCH ZI  |     |            |                                |
| 10  | 01246    | SCREW 8-32X.375RDHD MCH PLT SL |     |            |                                |
| 1   | 03262    | STRAINER .375" Y SB-584 C844   |     |            |                                |
| 1   | 04731    | STUD PRESS-IN THREADED .25"-20 |     |            |                                |

OPT1009-480RBH

OPT1001