

CRN# _____

NATL.BD# 71338SERIAL# 73312**Reimers**
Electra Steam, Inc.4407 Martinsburg Pike
Clear Brook, VA 22624
www.reimersinc.comP: 540-662-3811
F: 540-665-8101
sales@reimersinc.com**NAMEPLATE RATINGS:**PART NUMBER RBHC30K3F
MODEL RHC-30
POWER SUPPLY WIRE SIZE 8
POWER VOLTS 480
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P. 100
KILOWATTS 30**CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAM**DATE (M/D/Y) 12/30/2013UL FILE # E39545WIRING DIAGRAM # 5891102110122131140 REV 5
2140**DIELECTRIC VOLTAGE- WITHSTAND**

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ☒ UNSAT ☐PERFORMED BY 1312 DATE 12/30/13**HYDRO TEST OF
COMPLETE BOILER**P.S.I.G. 100PERFORMED BY 310
DATE 12/30/13**HEATING ELEMENT TEST**VOLTS 480 AMPS 37TOTAL WATT 30K**CHECKOUT**

1. APPEARANCE ☒
2. BLOWDOWN MAN AUTO ☒
3. TRANSFORMER
4. CONDENSATE TANK ☒
5. CONTROLS ☒
6. FEED WATER VALVES ☒
7. INSTRUCTION MANUAL ☒
8. LEAK INSPECTION ☒
9. PAINT ☒
10. PANEL ☒
11. PIPES ☒
12. SHEET METAL ☒
13. STEAM VALVE ☒
14. STEAM GAUGE ☒
15. STRAINER ☒
16. CHECK TORQUE ON TERMINAL STRIPS,
CONTACTORS AND FUSE BLOCKS ☒
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS ☒
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY.
22. ELEMENT VOLT/KW 480 15
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE****OPERATIONAL TEST PERFORMED**MANUFACTURER CONBRACOModel # 29-202A-100DATE 12/30/13**STEAM BOILER** ☒**HOT WATER BOILER** ☐MAX. W. P. 100 PSIG (VALVE ASME PLATE)MAX. W. P. PSIG (VALVE ASME PLATE)CAPACITY 423 PPH (VALVE ASME PLATE)CAPACITY BTU/HR (VALVE ASME PLATE)SIZE 1/2 INSIZE INREQUIRED CAPACITY (PPH = 3.5 x kW) 105 PPHREQUIRED CAPACITY (BTU/HR = 3412 x kW) BTU/HRMAX. TEMPERATURE °F**OPERATIONAL TEST SETTING****LOW WATER CUTOFF**AUTO RESET N/AMANUAL RESET 1312**PRESSURE CONTROLS**HIGH LIMIT 310OPERATING #1 1310OPERATING #2 N/A**TEMPERATURE CONTROLS**HIGH LIMIT N/AOPERATING CONTROL

PSI/°F

X

X

90

60

DATE

12/30/1312/30/1312/30/1312/30/13

MANUFACTURER

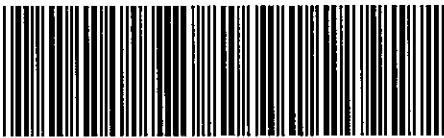
REIMERSTECMARKTECMARK

MODEL #

043163155-ED3156-EC

PART#

043160429604163Representing Reimers Electra Steam, INC. (Name) William K. HuttonDATE 12/30/13 Signature William K. HuttonRepresenting Installer Contractor (Name) DATE Signature



0027307

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Work Order Traveler

SCHEDULED START: 12/26/13

DUE DATE: 12/27/13

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0027307

ITEM NUMBER: **RBHC30K3F**DESCRIPTION: **BOILER RBHC 30KW 480V 3PH 100#**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	03715	BOLTS 10MM X 45MM SHIPPING	6	02741	TERMINAL RING 10-12WIRE #10STU
1	03944	BUSHING .5 X .375 BRASS (PARKE	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	03564	BUSHING HEYCO SR7N-2	1	01088	UNION .5" BLACK MALLEABLE IRON
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	04775	UNION .5" NPT BRASS ASME SB62
1	20932	COND TANK 11 GAL 2011 DESIGN S	1	02472	VALVE BALL .25" 200# SWP SB584
1	02530	CONTACTOR 50A 120V 3P UL/CSA	2	02490	VALVE BALL .5" 200# SWP
1	20838	CONTROLLER 04316-EBC-LED	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	04781	COUPLING .5" BRASS B16.15 125	1	02462	VALVE CHECK .5" 125# SWP SWING
1	20775-11	COVER ELEMENT TERMINALS RB REV	1	02692	VALVE CHECK .5" BALLCONE SPRIN
1	20775-7	COVER RIGHT ELEC BOX RB REV3	1	02637	VALVE SAFETY .5" 100# SWP 1" O
1	04229	DECAL SHEET	10	04278	WIRE #10 TGGT PTFE INS. W/GLAS
2	04666	ELEMENT 480V 15KW 3P BDIM 18.5	2	04789	WIRE SADDLE NYLON LOCKING
1	20775-17	ENCLOSURE POWER RELAY MODULE			
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	04994	FUSE 250V 10 AMP FRN-R UL/CSA			
1	03431	FUSE 250V 5A MINATURE UL AGC5			
1	02655	FUSE 250V 5A UL/CSA			
1	01520	FUSE BLOCK JR/AR UL/CSA BOILER			
-2	02281-TOPOC	GASKET 2.5"X .125" TOPOG-E			
1	04569	GAUGE GLASS .625" X 4.125" PYR			
1	03810	HOSE .5" X 24" HP SS BRAIDED P			
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			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
1	04794	NIPPLE .25" X CLOSE BRASS SCH8			
1	03948	NIPPLE .375 X CLOSE BRASS (PAR			
1	04784	NIPPLE .375" X 4" BRASS ASTM B			
4	03949	NIPPLE .5 X CLOSE BRASS SCH 40			
1	04779	NIPPLE .5" X 2" BRASS ASTM B43			
1	04790	NIPPLE .5" X 5" BRASS SB43 GR6			
1	04163	PRESSURE CONTROL 60# OPERATING			
1	04296	PRESSURE CONTROL 90# HI LIMIT			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	04661	PRESSURE GAUGE 2.0" .25" 0-160			
1	04788	RELAY POWER RBHC REV3 Z1054-ND			
6	01268	SCREW 5-40 X .25 PANHD MACH PL			
10	01246	SCREW 8-32X.375RDHD MCH PLT SL			
2	04664	SCREW TERMINAL PLUG			
1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL			
1	04564	TEE REDUCING BRASS .5" X .5" X			
6	04080	TERMINAL RING FOR # 8 AWG WIR			

OPT1016