

CRN# _____

NATL.BD# 72592SERIAL# 74579**Reimers**
Electra Steam, Inc.4407 Martinsburg Pike P: 540-662-3811
Clear Brook, VA 22624 F: 540-665-8101
www.reimersinc.com sales@reimersinc.com**NAMEPLATE RATINGS:**PART NUMBER HLR210K3H
MODEL HLR-210
POWER SUPPLY WIRE SIZE 400
POWER VOLTS 480
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P. _____
KILOWATTS 210**CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAM**DATE (M/D/Y) 1 / 7 / 2016

UL FILE # E39545

WIRING DIAGRAM # _____ REV _____

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ☒ UNSAT _____
PERFORMED BY BSS DATE 11/7/16**HYDRO TEST OF
COMPLETE BOILER**P.S.I.G. _____
PERFORMED BY _____
DATE _____**HEATING ELEMENT TEST**VOLTS 480 AMPS 245

TOTAL WATT 210K

CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN ☒ AUTO N/A
3. TRANSFORMER N/A
4. CONDENSATE TANK N/A
5. CONTROLS ☒
6. FEED WATER VALVES N/A
7. INSTRUCTION MANUAL ☒
8. LEAK INSPECTION N/A
9. PAINT ☒
10. PANEL ☒
11. PIPES ☒
12. SHEET METAL ☒
13. STEAM VALVE N/A
14. STEAM GAUGE N/A
15. STRAINER N/A
16. CHECK TORQUE ON TERMINAL STRIPS,
CONTACTORS AND FUSE BLOCKS ☒
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS N/A
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY. 7
22. ELEMENT VOLT/KW 480/30
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE**OPERATIONAL TEST PERFORMED ☒DATE 11/7/16MANUFACTURER CONBRACOModel # RVW60-150STEAM BOILER ☐HOT WATER BOILER ☒

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

MAX. W. P. 150 PSIG (VALVE ASME PLATE)

CAPACITY _____ PPH (VALVE ASME PLATE)

CAPACITY 5044000 BTU/HR (VALVE ASME PLATE)

SIZE _____ IN

SIZE 1 IN

REQUIRED CAPACITY (PPH = 3.5 x kW) _____ PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) 716,520 BTU/HRMAX. TEMPERATURE 250 °F**OPERATIONAL TEST****SETTING****LOW WATER CUTOFF**

PERFORMED BY

PSI/°F

DATE

MANUFACTURER

MODEL #

PART#

AUTO RESET

X

MANUAL RESET

B. Butts

X

11/7/16

REIMERS

04316

04316

PRESSURE CONTROLS

HIGH LIMIT

OPERATING #1

OPERATING #2

TEMPERATURE CONTROLS

HIGH LIMIT

OPERATING CONTROL

250

195

11/7/1611/7/16

HONEYWELL

HONEYWELL

L4008E1040

L4008A1015

02599

02378

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 11/7/16 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0033066

Page: 1

Work Order Traveler

SCHEDULED START: 12/04/15

DUE DATE: 12/08/15

0033066

ITEM NUMBER: **HLR210K3H**
DESCRIPTION: **BOILER HLR210 480V 3PH 150#**
REVISION: 000
OPTION CODE:

QUANTITY: **1.00**
UNIT OF MEASUREMENT: EACH

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A1015 HW 100-240	1	02819	NIPPLE 1.25" X3" BLACK EH
1	02599	AQUASTAT L4008E 1040 HW HI LIM	1	03302	NUT .25-20 HEX BRASS
2	02433	AQUASTAT WELL .5"W/CLIP HW	1	20376-F	PANEL INTERNAL (LG) 66" X 48"
1	02618	BLOCK POWER DISTRIBUTION 3/500	1	02569	PRESSURE GAUGE 2.5" PANEL MOUN
1	21018	BOILER CONTROL + HW775 PANEL	1	04603	RELAY 1 PDT 120 V
4	03076	BOLT CARRIAGE .375-16X4 UNPLAT	1	HLR-300	SHELL HLR 300 (COMPLETE)
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	02847	BOX COVER BLANK HANDY STEEL CI	1	05012	STEP CONTROL 4 STEP HW HLR
19	20874-8	BRACKET RHP 120-300; HLR 510 S	1	21015	STEP CONTROL BLANK HLR
1	01904	BRASS ROD .25" (WELDING ROD)	1	05019	STEP CONTROL EXPANSION MODULE
1	01120	BUSHING 1" X .75" HEX BLACK MA	1	20780	TERMINAL BLOCK 3 POLE 600V 50A
1	02979	BUSHING 1.5" X 1.25" HEX BLACK	1	02567	THERMOMETER REMOTE MT 2.5" DUA
1	02982	BUSHING 2" X 1.5" HEX BLACK MA	1	05018	THERMOWELL FOR 05012 STEP CONT
2	04528	CABLE TIE MOUNT	1	03209	VALVE BALL 1.25" 200#SWP SB584
1	02203	CEILING PLATE .375	1	03201	VALVE DRAIN COCK .25" NPT
1	02205	CEILING PLATE .75" I.P.S. FLAN	1	03358	VALVE SAFETY 1" 150# HOTWATER
1	02206	CEILING PLATE 1" PIPE SIZE	2	20053E	WRAPPER END 28" DWG20013 POWER
12	02244	CONDUIT ALFLEX type SWA 1.25"	1	21017	WRAPPER HLR 210-300
15	02240	CONDUIT ALFLEX type SWA .375"			
2	02241	CONDUIT ALFLEX type SWA .5" UL			
6	02246	CONDUIT CONNECTOR .375" 90 DEG			
2	02247	CONDUIT CONNECTOR .5" X 90 DEG			
6	02250	CONDUIT CONNECTOR 1.25" 90 DEG			
2	02258	CONDUIT CONNECTOR 1.25" STRAIG			
2	02953	CONDUIT SLEEVE .5" T&B UL/CSA			
1	04699	CONNECTOR .75" 2 SCREW NEER			
1	03445	CONTACTOR 35A 120V 2P UL/CSA			
7	02530	CONTACTOR 50A 120V 3P UL/CSA			
2	20995	COVER PLATE FAN HLR			
1	03132	CRATE 70W 83L 65H DOMESTIC W/5			
1	20887	ELECTRICAL BOX 48" X 48" X 8"			
1	02630	ELECTRODE FITTING CAST WARRICK			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
7	02609	ELEMENT 480V 30KW 3P SS 304 SH			
42	04076	FERRULES AWG 8			
3	03049	FLANGE 2" BLIND 150# A-105			
1	02125	FUSE 250V 15A UL/CSA			
1	03470	FUSE 250V 3A UL/CSA			
21	02518	FUSE 600V 50A UL/CSA			
1	02613	FUSE BLOCK 600V 30A 3P UL/CSA			
7	02614	FUSE BLOCK 600V 60A 3P UL/CSA			
1	20071	GAUGE PLATE HLR 24-550			

PROBE = 4 3/4"