

CRN# _____

NATL.BD# 72590SERIAL# 74577
Reimers®
 Electra Steam, Inc.

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 Clear Brook, VA 22624 F: 540-665-8101
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NAMEPLATE RATINGS:

 PART NUMBER HLR210G3H
 MODEL HLR-210
 POWER SUPPLY WIRE SIZE 3/0
 POWER VOLTS 380
 CONTROL VOLT 220
 PHASE 3
 HZ 50
 MAX. W.P. 150
 KILOWATTS 210
**CERTIFICATION & REPORTING (CG-500) CSD-1
 OPERATIONAL TEST/ELECTRIC AND STEAM**
DATE (M/D/Y) 3 / 23 / 20 15

UL FILE # E39545

WIRING DIAGRAM # _____ REV _____

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

 VOLTS 2112 SAT ✓ UNSAT _____
 PERFORMED BY BSS DATE 3/23/15
HYDRO TEST OF
COMPLETE BOILER
 P.S.I.G. _____
 PERFORMED BY _____
 DATE _____

HEATING ELEMENT TEST

 VOLTS 380 AMPS 319.1
 TOTAL WATT 210K TEST 240 V 191.1A

CHECKOUT

1. APPEARANCE ✓
2. BLOWDOWN MAN ✓ AUTO N/A
3. TRANSFORMER ✓
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 380/30
23. NAMEPLATE ✓
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ✓DATE 3/23/15MANUFACTURER 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	DATE	MANUFACTURER	MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET		X				
MANUAL RESET	<u>B. Butts</u>	X	<u>3/23/15</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT						
OPERATING #1						
OPERATING #2						
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>250</u>	<u>3/23/15</u>	HONEYWELL	L4008E1040	02599
OPERATING CONTROL	<u>B. Butts</u>	<u>190</u>	<u>3/23/15</u>	HONEYWELL	L4008A1015	02378

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 3/23/15 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0030252

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Work Order Traveler

SCHEDULED START: 01/15/15

0030252

ITEM NUMBER: **HLR210G3H**
DESCRIPTION: **BOILER HLR210 380V 3PH 150#**
REVISION: 000
OPTION CODE:

DUE DATE: **01/20/15**QUANTITY: **1.00**

UNIT OF MEASUREMENT: EACH

MAKE FOR: I/M
PLANNER:

DUPLICATE

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A1015 HW 100-240 <i>BSG 3/23/15</i>	2	04529	STANDOFF HEX 1.5" X .375" FOR
1	02599	AQUASTAT L4008E 1040 HW HI LIM <i>BSG 3/23/15</i>	1	05012	STEP CONTROL 4 STEP HW HLR
2	02433	AQUASTAT WELL .5"W/CLIP HW	1	05019	STEP CONTROL EXPANSION MODULE
1	02615	BLOCK POWER DISTRIBUTION DOUBL	0	04602	TEMPERATURE CONDUCTIVE PASTE
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI	1	20780	TERMINAL BLOCK 3 POLE 600V 50A
1	02847	BOX COVER BLANK HANDY STEEL CI	1	02567	THERMOMETER REMOTE MT 2.5" DUA
19	20874-8	BRACKET RHP 120-300; HLR 510 S	1	05018	THERMOWELL FOR 05012 STEP CONT
1	01904	BRASS ROD .25" (WELDING ROD)	1	03818	TICKET HOLDER FOR SHOP CLEAR F
2	04528	CABLE TIE MOUNT	1	02466	TRANSFORMER .5KVA 480/240V X 1
1	02203	CEILING PLATE .375	1	03209	VALVE BALL 1.25" 200#SWP SB584
1	02205	CEILING PLATE .75" I.P.S. FLAN	1	03201	VALVE DRAIN COCK .25" NPT
1	02206	CEILING PLATE 1" PIPE SIZE	1	03358	VALVE SAFETY 1" 150# HOTWATER <i>BSG 3/23/15</i>
12	02244	CONDUIT ALFLEX type SWA 1.25"	2	20053E	WRAPPER END 28" DWG20013 POWER
15	02240	CONDUIT ALFLEX type SWA .375"	1	21017	WRAPPER HLR 210-300
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			
1	04699	CONNECTOR .75" 2 SCREW NEER			
1	03445	CONTACTOR 35A 120V 2P UL/CSA <i>BSG 3/23/15</i>			
1	02530	CONTACTOR 50A 120V 3P UL/CSA			
7	02539	CONTACTOR 75A 120V 3P UL/CSA			
2	20995	COVER PLATE FAN HLR			
1	03096	CRATE 48"W X 76"L X 44"H DOMES			
1	20887	ELECTRICAL BOX 48" X 48" X 8"			
1	02630	ELECTRODE FITTING CAST WARRICK			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
7	03267	ELEMENT 380V 30KW 3P SS 304 SH			
3	03049	FLANGE 2" BLIND 150# A-105			
1	02125	FUSE 250V 15A UL/CSA			
1	03470	FUSE 250V 3A UL/CSA			
3	02134	FUSE 600V 30A UL/CSA			
1	04976	FUSE 600V 3A CC/UL {transforme			
21	02136	FUSE 600V 60A UL/CSA			
2	02140	FUSE BLOCK 250V 30A 1P 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			
1	20861	LABEL MAX. TORQUE 10. LB IN /0			
1	20376-F	PANEL INTERNAL (LG) 66" X 48"			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
1	HLR-300	SHELL HLR 300 (COMPLETE)			