

CRN# _____

NATL.BD# _____

SERIAL# _____

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 HLR75C3C
MODEL HLR-75
POWER SUPPLY WIRE SIZE 300
POWER VOLTS 208
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P. 100
KILOWATTS 75**CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAM**DATE (M/D/Y) 4 / 9 / 2015UL FILE # E39545

WIRING DIAGRAM # _____ REV _____

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ✓ UNSAT _____
PERFORMED BY B5B DATE 4/9/15**HYDRO TEST OF
COMPLETE BOILER**P.S.I.G. _____
PERFORMED BY _____
DATE _____**HEATING ELEMENT TEST**VOLTS 208 AMPS 208.2
TOTAL WATT 75K TEST 240 V 230A**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. 5
22. ELEMENT VOLT/KW 208/15
23. NAMEPLATE ✓
24. JURISDICTION = VA
25. FUEL = ELECTRIC

SAFETY LIMIT CONTROLS (REF: ASME CSD-1, CG-500)**SAFETY RELIEF VALVE**OPERATIONAL TEST PERFORMED ✓DATE 4/9/15MANUFACTURER CONBRACOModel # RVW60**STEAM BOILER** ☐**HOT WATER BOILER** ☒MAX. W. P. _____ PSIG (VALVE ASME PLATE)
CAPACITY _____ PPH (VALVE ASME PLATE)
SIZE _____ IN
REQUIRED CAPACITY (PPH = 3.5 x kW) _____ PPHMAX. W. P. 50 PSIG (VALVE ASME PLATE)
CAPACITY 1209,000 BTU/HR (VALVE ASME PLATE)
SIZE 3/4 IN
REQUIRED CAPACITY (BTU/HR = 3412 x kW) 255,900 BTU/HR
MAX. 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

4/9/15

REIMERS

04316

04316

PRESSURE CONTROLS

HIGH LIMIT

OPERATING #1

OPERATING #2

TEMPERATURE CONTROLS

HIGH LIMIT

OPERATING CONTROL

250

4/9/15

HONEYWELL

L4008E1040

02599

150

4/9/15

HONEYWELL

L4008A1015

02378

Representing Reimers Electra Steam, INC. (Name) BRAD BUTTSDATE 4/9/15 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0030734

Page: 1

Work Order Traveler

SCHEDULED START: 03/23/15

0030734

DUE DATE: **03/25/15**ITEM NUMBER: **HLR75C3C**QUANTITY: **1.00**DESCRIPTION: **BOILER HLR75 208V 3PH 50# SA**

UNIT OF MEASUREMENT: EACH

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A1015 HW 100-240	1	20780	TERMINAL BLOCK 3 POLE 600V 50A
1	02599	AQUASTAT L4008E 1040 HW HI LIM	90	04080	TERMINAL RING FOR # 8 AWG WIR
2	02433	AQUASTAT WELL .5"W/CLIP HW	1	02567	THERMOMETER REMOTE MT 2.5" DUA
1	20878-3	BASE HLR-105 SHELL	1	05018	THERMOWELL FOR 05012 STEP CONT
1	02616	BLOCK POWER DISTRIBUTION 3-2/0	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI	1	02514	VALVE BALL .75" 200# SWP
1	02847	BOX COVER BLANK HANDY STEEL CI	1	03201	VALVE DRAIN COCK .25" NPT
1	01904	BRASS ROD .25" (WELDING ROD)	1	05255	VALVE SAFETY .75" 50# HOT WATE
1	01131	BUSHING .375X.125 HEX FORGED I	2	20878-9	WRAPPER END CAP LEFT HLR-105
2	04528	CABLE TIE MOUNT	1	20878-5	WRAPPER HLR-105 SHELL
1	04701	CARTON RB 30W 35L 28.75H SLOT			
2	02849	CHASE NIPPLE 1.25"			
10	02240	CONDUIT ALFLEX type SWA .375"			
6	02246	CONDUIT CONNECTOR .375" 90 DEG			
1	04699	CONNECTOR .75" 2 SCREW NEER			
1	03445	CONTACTOR 35A 120V 2P UL/CSA			
5	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	20878-6	E-BOX SUPPORT PLATE HLR-105			
1	20904	ELECTRICAL BOX HLR15-75			
1	20878-12	ELECTRICAL PANEL HLR 15-75			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
5	04277	ELEMENT 208V 15KW 3PH B-DIM=18			
-5	04666	ELEMENT 480V 15KW 3P BDIM 18.5			
1	02125	FUSE 250V 15A UL/CSA			
2	04574	FUSE 250V 3 AMP UL/CSA			
15	02128	FUSE 250V 50A UL/CSA			
3	02140	FUSE BLOCK 250V 30A 1P UL/CSA			
5	02142	FUSE BLOCK 250V 60A 3P UL/CSA			
5	02281	GASKET 2.5" SQUARE .0625 THICK			
1	20071	GAUGE PLATE HLR 24-550			
1	20861	LABEL MAX. TORQUE 10. LB IN /0			
1	03753	NIPPLE 2" X 6" BLACK EH.SA106			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
2	04603	RELAY 1 PDT 120 V			
1	20878-4	SADDLE HLR-105 BOILER BOTTOM			
1	20878-2	SADDLE HLR-105 LEFT SHELL			
1	20878-1	SADDLE HLR-105 RT. SHELL			
1	HLR-75	SHELL 15-75 WELDED COMPLETE			
1	04700	SKID 30" X 35.5" RB rev3			
2	04529	STANDOFF HEX 1.5" X .375" FOR			
1	05012	STEP CONTROL 4 STEP HW HLR			
1	20878-10	STEP CONTROL MOUNTING PLATE			

OPT1010-208R