

STEAM WORKSHEET

UL-FILE # E39545

DATE (M/D/Y) 4 / 15 / 20



Electra Steam, Inc.

4407 Martinsburg Pike P: 540-662-3811

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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER HLR150K3E

MODEL HLR-150

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. _____

KILOWATTS 150

POWER SUPPLY WIRE SIZE 4 / 0

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

NAT. BD# 124461

SERIAL # 124461

CRN # _____

WIRE DIAGRAM NO. _____

REV _____

TESTING SEQUENCE (TO BE COMPLETED BY THE QUALITY CONTROL MANAGER/CERTIFIED INDIVIDUAL)

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG N/A PERFORMED BY N/A DATE N/A SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 4/16/20 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER McDONNELL + MILLER Model # 250-34-75

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) _____ PPH

MAX. TEMPERATURE 250 °F

OPERATIONAL TEST PERFORMED BY B. Butts DATE 4/16/20 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 184

VOLTS 480 TOTAL KW 150

PERFORMED BY B. Butts DATE 4/16/20 SATISFACTORY YES ☒ NO ☐

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

OPERATIONAL TEST SETTING

PSI/°F X X

LOW WATER CUTOFF

AUTO RESET

MANUAL RESET

PRESSURE CONTROLS

HIGH LIMIT

OPERATING #1

OPERATING #2

TEMPERATURE CONTROLS

HIGH LIMIT

OPERATING CONTROL

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F. CHECKOUT: CHECKOUT LIST NO. _____

SATISFACTORY YES ☐ NO ☐

Rep. Reimers Electra Steam, INC. (Name) BRAD BUTTS

DATE 4/16/20 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____

WO# 214235



Reimers Electra Steam
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Clear Brook, VA 22624

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Replacement Parts List

Model Number: HLR150K3E

BOILER HLR 150KW 480V 3PH 75#
SAFETY

<u>Part Number</u>	<u>Description</u>
02378	AQUASTAT L4008A 1015 HW 100-24
02599	AQUASTAT L4008E 1040 HW HI LIM
02618	BLOCK PWR DIST 3-500MCM 3 POLE
03445	CONTACTOR 35A 120V 2P DEFINITE
02530	CONTACTOR 50A 120V 3P DEFINITE
02630	ELECTRODE FITTING CAST 1" NPT
20721-HLR	ELECTRONIC BOILER CONTROL ASSY HLR
02609	ELEMENT 480V 30KW 3P 304SS SHE
02125	FUSE 250V 15A CLASS K5 FAST-AC
04574	FUSE 250V 3A CLASS RK5 TIME DE
02518	FUSE 600V 50A CLASS K5 FAST-AC
02569	PRESSURE GAUGE 2.5" 0-160# BRZ
04316-20	RELAY SOLID STATE 120V 30A 1P *** INVALID BILL ***
05012	STEP CONTROL 4 STEP HONEYWELL
05019	STEP CONTROL EXPANSION MODULE
04213	SWITCH ILLUMINATED RED W/WHITE
03201	VALVE AIR COCK .25" NPT BRZ TE
03802	VALVE BALL .75" NPT BRZ W/LATC
02641	VALVE SAFETY .75" NPT BRZ 75#