

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 130021

SERIAL # 130021

DATE (M/D/Y) 6/24/2025

CRN # _____



4407 Martinsburg Pike P: 540-662-3811
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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER HLR300K3B

MODEL HLR-300

POWER SUPPLY VOLTAGE 480

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. _____

KILOWATTS 300

POWER SUPPLY WIRE SIZE 4/0

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

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 6/24/25 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE: MANUFACTURER CONBRACO Model # 10-60505

STEAM BOILER ☐

HOT WATER BOILER ☒

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

MAX. W. P. 30 PSIG (VALVE ASME PLATE)

CAPACITY _____ PPH (VALVE ASME PLATE)

CAPACITY 1,339,000 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) 1023600 BTU/HR

MAX. TEMPERATURE 250 °F

OPERATIONAL TEST PERFORMED BY B. Butts DATE 6/24/25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING: AMPS 355 VOLTS 480 TOTAL KW 300

PERFORMED BY B. Butts DATE 6/24/25 SATISFACTORY YES ☒ NO ☐

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

LOW WATER CUTOFF	OPERATIONAL TEST PERFORMED BY	SETTING PSI/°F	DATE	MANUFACTURER	MFG. MODEL #	PART#
AUTO RESET		X				
MANUAL RESET	<u>B. Butts</u>	X	<u>6/24/25</u>	<u>REIMERS</u>	<u>04316-20</u>	<u>04316-20</u>
PRESSURE CONTROLS						
HIGH LIMIT						
OPERATING #1						
OPERATING #2						
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>240</u>	<u>6/24/25</u>	<u>RESIDED</u>	<u>L4008E1040</u>	<u>02599</u>
OPERATING CONTROL	<u>B. Butts</u>	<u>190</u>	<u>6/24/25</u>	<u>RESIDED</u>	<u>L4008A1015</u>	<u>02378</u>

F. CHECKOUT: CHECKOUT LIST NO. _____ SATISFACTORY YES ☐ NO ☐

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

DATE 6/24/25 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Website: www.reimersinc.com

Replacement Parts List

Model Number: HLR300K3B
BOILER HLR300 480V 3PH 30#
SAFETY

<u>Part Number</u>	<u>Description</u>
02378	AQUASTAT L4008A 1015 HW 100-24
02599	AQUASTAT L4008E 1040 HW HI LIM
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
03470	FUSE 250V 3A CLASS K5 FAST-ACT
02518	FUSE 600V 50A CLASS K5 FAST-AC
04972	FUSE 600V 90A CLASS K5 FAST-AC
21146	GROUNDING RETROFIT KIT LESS SM
05821	PRESSURE GAUGE 2.5" 0-100# BRZ
05012	STEP CONTROL 4 STEP HONEYWELL
05019	STEP CONTROL EXPANSION MODULE
03201	VALVE AIR COCK .25" NPT BRZ TE
02574	VALVE SAFETY 1" NPT BRZ 300# W
02171	WIRE STRD #8 BLACK

SET TEMP. 180°