

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 141021

SERIAL # 75365

DATE (M/D/Y) 4 / 29 / 2025

WIRE DIAGRAM NO. _____

REV _____

CRN # _____



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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RHPHC300M3A

MODEL RHP300

POWER SUPPLY VOLTAGE 600

CONTROL VOLTAGE 120

PHASE 3

FREQUENCY (HZ) 60

MAX. W.P. 150

KILOWATTS 300

POWER SUPPLY WIRE SIZE 500

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

449147

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

A. HYDROSTATIC TEST OF COMPLETED BOILER:

PSIG 15 PERFORMED BY B. Butts DATE 4/29/25 SATISFACTORY YES ☒ NO ☐

B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)

VOLTS 2352 PERFORMED BY B. Butts DATE 4/29/25 SATISFACTORY YES ☒ NO ☐

C. SAFETY RELIEF VALVE:

MANUFACTURER CONBRACO Model # 19-KHGA-15

STEAM BOILER ☒

HOT WATER BOILER ☐

MAX. W. P. 15 PSIG (VALVE ASME PLATE)

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

CAPACITY 1240 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 1 1/2 IN

SIZE _____ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 1050 PPH

REQUIRED CAPACITY (BTU/HR = 3412 x kW) _____ BTU/HR

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST PERFORMED BY B. Butts DATE 4/29/25 SATISFACTORY YES ☒ NO ☐

D. HEATING ELEMENT TESTING:

AMPS 288.7 VOLTS 600 TOTAL kW 300

PERFORMED BY B. Butts TEST 480V 135A DATE 4/29/25 SATISFACTORY YES ☒ NO ☐

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

	OPERATIONAL TEST	SETTING	DATE	MANUFACTURER	MFG. MODEL #	PART#
LOW WATER CUTOFF	PERFORMED BY	PSI/°F				
AUTO RESET	<u>N/A</u>	<u>X</u>				
MANUAL RESET	<u>B. Butts</u>	<u>X</u>	<u>4/29/25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>13.5</u>	<u>4/29/25</u>	<u>HONEYWELL</u>	<u>L404F1409</u>	<u>04696</u>
OPERATING #1	<u>B. Butts</u>	<u>11</u>	<u>4/29/25</u>	<u>HONEYWELL</u>	<u>L404F1409</u>	<u>04696</u>
OPERATING #2	<u>N/A</u>					
TEMPERATURE CONTROLS						
HIGH LIMIT	<u>N/A</u>					
OPERATING CONTROL						

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

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

DATE 4/29/25 Signature Brad Butts

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
4407 Martinsburg Pike
Clear Brook, VA 22624

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Replacement Parts List

Model Number: RHPHC300M3A

BOILER RHP 300KW 600V 3PH 15#
w/PUMP AND TANK

<u>Part Number</u>	<u>Description</u>
05716	COND TANK 30 GAL VERTICAL
03445	CONTACTOR 35A 120V 2P DEFINITE
02530	CONTACTOR 50A 120V 3P DEFINITE
20838	CONTROLLER 04316-EBC-LED
05048	CONTROLLER HONEYWELL T775U2016
02610	ELEMENT 600V 30KW 3P 304SS SHE
05615	EXTERNAL WATER COLUMN
02086	FLANGE GASKET 6.5" RING COND T
02655	FUSE 250V 5A CLASS K5 FAST-ACT
05123	FUSE 600V 1.8A CLASS RK5 TIME
02135	FUSE 600V 40A CLASS K5 FAST-AC
05045	FUSE 600V 70A CLASS K5 FAST-AC
02001	GAUGE FIXTURE SET .5" NPT BRZ FOR CONDENSATE TANK
02396	GAUGE FIXTURE SET .5" NPT BRZ FOR PROBE COLUMN
05596	GAUGE GLASS .625" X 10.125" FOR PROBE COLUMN
05592	GAUGE GLASS .625" X 5.75" FOR CONDENSATE TANK
05656	HAND HOLE GASKET 3" X 4" RHP300 HEAD
05657	HAND HOLE GASKET 3" X 3.75" RHP300 SHELL
04696	PRESSURE CONTROL 15# L404F-140
04703	PRESSURE CONTROL STOP KIT HI L
02467	PRESSURE GAUGE 3.5" 0-30# BRZ
05715	PUMP 3/4 HP 575V 3P 60HZ
04316-20	RELAY SOLID STATE AUX LWC
21025	STEP CONTROL 8 STAGES
02639	STRAINER 1" NPT Y HOFFMAN COND
02067	VALVE CHECK .75" BRZ 200# WSP
02371	VALVE CHECK .75" BRZ 200# WSP
05045	VALVE GATE 3" NPT BRZ 150#
03362	VALVE SAFETY 1.5" NPT BRZ 15#
02513	VALVE Y 1" NPT BRZ 200# WSP AS
