

CRN# LS358.452618

NATL.BD#

72732

SERIAL#

74719**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 RBHC20C3AMODEL RHC-20

POWER SUPPLY WIRE SIZE _____

POWER VOLTS 208CONTROL VOLT 120PHASE 3HZ 60MAX. W.P. 100KILOWATTS 20CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 6/12/2015UL FILE # E39545

WIRING DIAGRAM # _____

REV 5

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 1200 SAT ☒ UNSAT _____PERFORMED BY OC DATE 6/12/15HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 15PERFORMED BY OCDATE 6/12/15

HEATING ELEMENT TEST

VOLTS 208AMPS 63.3TOTAL WATT 20KAmps tested on

CHECKOUT

1. APPEARANCE ☒
2. BLOWDOWN MAN ☒ AUTO _____
3. TRANSFORMER _____
4. CONDENSATE TANK ☒
5. CONTROLS ☒
6. FEED WATER VALVES ☒
7. INSTRUCTION MANUAL ☒
8. LEAK INSPECTION ☒
9. PAINT ☒
10. PANEL ☒
11. PIPES ☒
12. SHEET METAL ☒
13. STEAM VALVE ☒
14. STEAM GAUGE ☒
15. STRAINER ☒
16. CHECK TORQUE ON TERMINAL STRIPS,
CONTACTORS AND FUSE BLOCKS ☒
17. WARNING LABELS ☒
18. WATER GAUGE FITTINGS ☒
19. WIRE TERMINALS TIGHT ☒
20. WIRING DIA. ☒
21. ELEMENT QTY. 2
22. ELEMENT VOLT/KW 208 10
23. NAMEPLATE ☒
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED OCDATE 6/12/15MANUFACTURER CONBRACOModel # 19-KEOA-15BHSTEAM BOILER ☒HOT WATER BOILER ☐MAX. W. P. 15 PSIG (VALVE ASME PLATE)

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

CAPACITY 316 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 3/4 IN

SIZE _____ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 70 PPH

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

MAX. TEMPERATURE _____ °F

OPERATIONAL TEST

SETTING

LOW WATER CUTOFF

PERFORMED BY

PSI/°F

DATE

MANUFACTURER

MODEL #

PART#

AUTO RESET

N/A

X

MANUAL RESET

OC

X

PRESSURE CONTROLS

HIGH LIMIT

OC

OPERATING #1

OC

OPERATING #2

N/A

TEMPERATURE CONTROLS

HIGH LIMIT

N/A

OPERATING CONTROL

Representing Reimers Electra Steam, INC. (Name) _____

Representing Installer Contractor (Name) _____

DATE _____ Signature _____

DATE _____ Signature _____



0031507

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Work Order Traveler

SCHEDULED START: 06/03/15

DUE DATE: 06/04/15

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0031507

ITEM NUMBER: **RBHC20C3A**
DESCRIPTION: **BOILER RBHC 20KW 208V 15# SAF**
REVISION: 003
OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
4	03715	BOLTS 10MM X 45MM SHIPPING	1	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
-1	03945	BUSHING .75 X .5 BRASS (PARKER	1	04564	TEE REDUCING BRASS .5" X .5" X
1	03564	BUSHING HEYCO SR7N-2	6	04080	TERMINAL RING FOR # 8 AWG WIR
1	04701	CARTON RB 30W 35L 28.75H SLOT	1	03818	TICKET HOLDER FOR SHOP CLEAR F
1	20932	COND TANK 11 GAL 2011 DESIGN S	1	01088	UNION .5" BLACK MALLEABLE IRON
1	02539	CONTACTOR 75A 120V 3P UL/CSA	1	02472	VALVE BALL .25" 200# SWP SB584
1	20838	CONTROLLER 04316-EBC-LED	2	02490	VALVE BALL .5" 200# SWP
1	04786	COUPLING FULL .75" BRASS B 16.	1	03346	VALVE BALL .5" W/LATCH 200 SWP
1	20775-11	COVER ELEMENT TERMINALS RB REV	1	02462	VALVE CHECK .5" 125# SWP SWING
1	20775-7	COVER RIGHT ELEC BOX RB REV3	1	02692	VALVE CHECK .5" BALLCONE SPRIN
1	04229	DECAL SHEET	1	02010	VALVE SAFETY .75" 15# SWP 1" O
2	04164	ELEMENT 208V 10KW 3PH B-DIM.=1	8	04440	WIRE #8 PTFE INS. W/GLASS SLEE
1	20775-17	ENCLOSURE POWER RELAY MODULE	2	04789	WIRE SADDLE NYLON LOCKING
-2	20598	FLANGE BLIND 2.5" SQ. 4 BOLT			
1	04994	FUSE 250V 10 AMP FRN-R UL /CSA			
1	02655	FUSE 250V 5A UL/CSA			
1	01520	FUSE BLOCK JR/AR UL/CSA BOILER			
-2	02281-TOPOG	GASKET 2.5" X .125" TOPOG-E			
1	04569	GAUGE GLASS .625" X 4.125" PYR			
1	03810	HOSE .5" X 24" HP SS BRAIDED P			
1	20863	LABEL MAX. TORQUE 50. LB IN /0			
1	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
1	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
1	04668	NIPPLE .25" X 1.125" BRASS SCH			
1	04794	NIPPLE .25" X CLOSE BRASS SCH8			
1	03948	NIPPLE .375 X CLOSE BRASS (PAR			
4	03949	NIPPLE .5 X CLOSE BRASS SCH 40			
1	04779	NIPPLE .5" X 2" BRASS SB43 GRO			
1	04790	NIPPLE .5" X 5" BRASS SB43 GR6			
1	04526	NIPPLE .5" X 6" BRASS SB43 GRO			
1	04777	NIPPLE .75" X 2" BRASS ASTM B4			
1	05077	PRESSURE CONTROL 13.5# HIGH LI			
1	04162	PRESSURE CONTROL 5# OPERATING			
1	20842	PRESSURE CONTROL MANIFOLD RB R			
1	02451	PRESSURE GAUGE 2.5" 0-30#			
1	03344	RECEPTACLE CONN. MALE "AMPHENO			
1	03345	RECEPTACLE FEMALE "AMPHENOL"			
1	04788	RELAY POWER RBHC REV3 Z1054-ND			
6	01268	SCREW 5-40 X .25 PANHD MACH PL			
10	01246	SCREW 8-32X .375RDHD MCH PLT SL			
2	04664	SCREW TERMINAL PLUG			
-2	04811	SPRING DISC .328" ID X .687" O			

OPT1012-RB

Probe 4 3/4"