

CRN# _____

NATL.BD# 72833SERIAL# 74820**Reimers**[®]
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NAMEPLATE RATINGS:

PART NUMBER RXHC36K3F
MODEL RHC-36
POWER SUPPLY WIRE SIZE 6
POWER VOLTS 480
CONTROL VOLT 120
PHASE 3
HZ 60
MAX. W.P. 100
KILOWATTS 36CERTIFICATION & REPORTING (CG-500) CSD-1
OPERATIONAL TEST/ELECTRIC AND STEAMDATE (M/D/Y) 5 / 8 / 20 15

UL FILE # E39545

WIRING DIAGRAM # 02.10.20.51.60.72.80. REV 5
90.103.170.190

DIELECTRIC VOLTAGE- WITHSTAND

TEST: (IAW U.L. 834)

VOLTS 2352 SAT ✓ UNSAT _____
PERFORMED BY B5B DATE 5/8/15HYDRO TEST OF
COMPLETE BOILERP.S.I.G. 100
PERFORMED BY OC
DATE 5/8/15

HEATING ELEMENT TEST

VOLTS 480 AMPS 41.8
TOTAL WATT 36K

CHECKOUT

1. APPEARANCE ✓
2. BLOWDOWN MAN N/A AUTO ✓
3. TRANSFORMER N/A
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 480/18
23. NAMEPLATE ✓
24. JURISDICTION = VA
25. FUEL = ELECTRIC

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

SAFETY RELIEF VALVE

OPERATIONAL TEST PERFORMED ✓DATE 5/8/15MANUFACTURER CONBRACOModel # 29-202A-100STEAM BOILER ☒HOT WATER BOILER ☐MAX. W. P. 100 PSIG (VALVE ASME PLATE)

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

CAPACITY 423 PPH (VALVE ASME PLATE)

CAPACITY _____ BTU/HR (VALVE ASME PLATE)

SIZE 1/2 IN

SIZE _____ IN

REQUIRED CAPACITY (PPH = 3.5 x kW) 126 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	<u>B. Butts</u>	X	<u>5/8/15</u>	REIMERS	04316	04316
PRESSURE CONTROLS						
HIGH LIMIT	<u>B. Butts</u>	<u>90</u>	<u>5/8/15</u>	TECMARK	3155-ED	04296
OPERATING #1	<u>B. Butts</u>	<u>80</u>	<u>5/8/15</u>	TECMARK	3156-EC	04163
OPERATING #2						
TEMPERATURE CONTROLS						
HIGH LIMIT	N/A					
OPERATING CONTROL						

Representing Reimers Electra Steam, INC. (Name) BRAO BUTTSDATE 5/8/15 Signature Brad Butts

Representing Installer Contractor (Name) _____

DATE _____ Signature _____



0031018

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Work Order Traveler

SCHEDULED START: 04/29/15

DUE DATE: 04/30/15

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

0031018

ITEM NUMBER: **RXHC36K3F**
DESCRIPTION: **BOILER RHC 36KW 480V 3PH 100#**
REVISION: 001
OPTION CODE:

MAKE FOR: I/M
PLANNER:



0031018

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Work Order Traveler

SCHEDULED START: 04/29/15

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0031018

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DESCRIPTION: **BOILER RHC 36KW 480V 3PH 100#**
REVISION: 001
OPTION CODE:

MAKE FOR: I/M
PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02616	BLOCK POWER DISTRIBUTION 3-20	1	02522	GAUGE PROTECTOR 6" U-SHAPE
1	20350-7A	BRACE ELECTRICAL BOX SS (NEW)	1	04692	GROUND STRAP #4 BRAIDED
2	04167	BUSHING .5" X .125" HEX BLACK	2	02951	KNOCKOUT SEAL .5" COND 7/8" HO
1	01128	BUSHING .5X.25 HEX BLACK FORGE	1	20861	LABEL MAX. TORQUE 10. LB IN X
1	01121	BUSHING 1" X .5" HEX BLACK MAL.	1	04301	LABEL NAMEPLATE UL/CSA 3.48 X
1	04271	BUSHING 1.25" X .75" HEX BLACK	15	01345	LOCKWASHER .3125" SPRING/SPLIT
2	04528	CABLE TIE MOUNT	2	04522	NIPPLE .5 X 1.5" BRASS
1	03089	CARTON 42W 54L 36.75 500# TEST	3	02788	NIPPLE .5" X 2" BLACK EH SA-10
1	02207	CEILING PLATE 1.25" PIPE SIZE	1	02789	NIPPLE .5" X 2.5" BLACK EH SA-
1	20740	COND. TANK ASSY. (RHC 36-120)	1	02791	NIPPLE .5" X 3.5" BLACK EH
3	02244	CONDUIT ALFLEX type SWA 1.25"	1	02792	NIPPLE .5" X 4" BLACK EH
4	02240	CONDUIT ALFLEX type SWA .375"	2	02796	NIPPLE .5" X 6" BLACK EH
4	02246	CONDUIT CONNECTOR .375" 90 DEG	1	04526	NIPPLE .5" X 6" BRASS SB43 GRO
2	02252	CONDUIT CONNECTOR .375" STR	5	02786	NIPPLE .5" X CLOSE BLACK EH SA
2	02250	CONDUIT CONNECTOR 1.25" 90 DEG	1	02807	NIPPLE .75" X 9" BLACK EH SA-1
2	02956	CONDUIT SLEEVE 1.25" T&B UL/CS	2	01180	NIPPLE .75" X CLOSE BLACK EH S
1	03445	CONTACTOR 35A 120V 2P UL/CSA	2	02802	NIPPLE .75X4 BLACK EH SCH80 SA
2	02530	CONTACTOR 50A 120V 3P UL/CSA	1	02810	NIPPLE 1" CLOSE BLACK EH SA-10
1	20838	CONTROLLER 04316-EBG-LED	1	01217	NIPPLE 1" X 4" BLACK EH SA-106
1	03021	COUPLING FULL .5" NPT 3000# SA	1	02818	NIPPLE 1.25X2 BLACK EXHEAVYAST
1	02988	CROSS .5" BLACK MALLEABLE IRON	1	02820	NIPPLE 1.25X4 BLACK EH
1	04525	CROSS .5" BRASS B62 C836	21	01221	NUT .3125-18 HEX MACH. SCREW Z
1	04229	DECAL SHEET	8	01168	NUT .625"-11 HEAVY HEX STEEL A
1	01162	ELBOW .25" BRASS FEMALE SB62 C	4	01147	PIPE PLUG .5" SQUARE HEAD FRGD
2	01094	ELBOW .5" X 90 DEG. BLACK MALL	1	04776	PIPE PLUG .75" NPT COUNTERSUNK
4	01133	ELBOW .5X90 DEG. STREET BLACK	1	04163	PRESSURE CONTROL 60# OPERATING
2	01095	ELBOW .75" X 90 DEG. BLACK MAL	1	04296	PRESSURE CONTROL 90# HI LIMIT
1	01097	ELBOW 1.25" X 90 DEG. BLACK MA	1	20763	PRESSURE CONTROL MANIFOLD R-24
2	02997	ELBOW STREET .25" 90 DEG. SB62	1	02329	PRESSURE GAUGE 2.5" 160#MT23
1	20292-14A	ELECTRIC BOX SUPPORT 35 X1.5"	1	20062A	PROBE COVER R36-120
1	20084B-13	ELECTRICAL BOX POWER INLET ADA	16	01342	SCREW .3125-18X.75 HEX PLATED
1	20084B	ELECTRICAL ENCLOSURE 26" X 30"	1	R-80A	SHELL R70-80 (COMPLETE NEW)
1	20757	ELECTRICAL PNL ASSY R36-120 LE	1	SKID2A	SKID BOILER NEW R.R.H.RHC 24-80
2	02188	ELEMENT 480V 18KW 3P SS 304 SH	2	04529	STANDOFF HEX 1.5" X .375" FOR
2	02022	FLANGE GASKET 2" RING	2	04213	SWITCH ILLUMINATED RED W/WHITE
1	02125	FUSE 250V 15A UL/CSA	2	04400	SYPHON TUBE .25" BRASS SB43 GR
1	02655	FUSE 250V 5A UL/CSA	0	04308	TAPE ALUMINUM FOIL DUCT 60YD R
6	02134	FUSE 600V 30A UL/CSA	5	01104	TEE .5" BLACK MALLEABLE IRON 1
3	04282	FUSE BLK COVER 600V 30A UL/CSA	2	04523	TEE .5" BRASS SB62 C836
2	02613	FUSE BLOCK 600V 30A 3P UL/CSA	2	01103	TEE .75" BLACK MALLEABLE IRON
1	02420	GAUGE GLASS 5.875" X .625" PYREX	1	04564	TEE REDUCING BRASS .5" X .5" X
1	MBJ-9	GAUGE GLASS SAFETY ROD R-MODEL	6	02176	TERMINAL LUG #8 HOMAC UL/CSA

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
0	04276	TERMINAL STRIP 300V 35A 10-22			
1	03818	TICKET HOLDER FOR SHOP CLEAR F			
2	01088	UNION .5" BLACK MALLEABLE IRON			
1	02514	VALVE BALL .75" 200# SWP			
1	03802	VALVE BALL .75" W/LATCH 200# S			
1	02370	VALVE CHECK .5" 200# SWP SPRIN			
1	03254	VALVE GAUGE TEST .25" SB584 C			
1	02637	VALVE SAFETY .5" 100# SWP 1" O			
1	02396	WATER GAUGE SET STANDARD SHANK			
10	04439	WIRE #18 TGGT 600V 250C UL/CSA			
1	02209SS	WRAPPER END 20" 20103REV.B 16G			
1	20843	WRAPPER END 20" W/2" HOLE			
1	20054A	WRAPPER R24-80 (NEW)			
		OPT1016			