

CRN#

NATBLD# 61146 SERIAL# 62984

MODELRBH20C3F
WIRE DIAG.....WRB20C3F
WIRE SIZE.....12
HZ.....60
VOLTS.....208
CONTROL VOLT....120.
PHASE.....3
PRESSURE.....80
KILOWATTS.....20
CAPACITY 69 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL #

DAY/MONTH 15 / 4 2005

TEST TIME: START STOP

VOLTS 208 AMPS 48 TOTAL WATTS 20000

PRESSURE 80 DIFF 5 LB.PER HR.

Tested @ 240 Volts

Reimers Electra Steam, 4407 Matrinsburg, Pike

Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

HEATER VOLTS 208

KW 20

PH 3 HZ 60

APPEARANCE

BLOWDOWN MAN AUTO

CONDENSATE TANK

CONDENSATE & PIPE, ECT

CONTROLS

ELEMENT

FEED HEATER VALVES

INSTRUCTION BOOK

LEAK INSPECTION

PAINT

PANEL

PIPES

PRESSURE CONTROLS

SHEET METAL

STEAM VALVE

STEAM GAUGE

STRANIER

WARNING TAGS

WATER GAUGE FITTINGS

WIRE TERMINALS TIGHT

WIRING DIA.

ELEMENT QTY. 2

ELEMENT VOLT/KW 208V - 20kW

JURISDICTION VA.

FUELS ELECTRIC

STEAM

HOT WATER

IAX. W.P. 100 PSIG

IIN. SAFETY VALVE CAP. 70 PPH

MAX. W.P. PSIG

MAX. TEMP. DEG F

MIN. SAFETY VALVE CAP PPH OR BTU

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY JF DATE 4/15/05

LOW WATER CUTOFF HI WATER CUTOFF

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2300 SAT UNSAT BY JF DATE 4/15/05 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

NAMEPLATE: O.P. 100 KW 20 VOLTS 208 PH 3 HZ 60

Reimers Electra Steam, INC. BY Jeff Brubbs DATE 4/15/05

Signature

INITIAL & DATE OPERATING CONTROLS; SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE

1052

0006072

Work Order Traveler

SCHEDULED START: 04/07/05

DUE DATE: 04/12/05

/ QUANTITY: 2.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **RBH20C3F**DESCRIPTION: **BOILER RBH 20KW 208V 3PH 100#**

REVISION: 001

OPTION CODE:

MAKE FOR: I/M

PLANNER:

STEP	QTY	PART	DESCRIPTION	STEP	QTY	PART	DESCRIPTION
0010	2	01104	TEE .5" BLACK MALLEABLE IRON	0010	2	03946	ELBOW STREET .375 BRASS
0010	2	01127	BUSHING .5" X.375" HEX FORGED	0010	6	03948	NIPPLE .375 X CLOSE BRASS
0010	1	01179	COPPER TUB..375ODX.032WALL AST	0010	2	03949	NIPPLE .5 X CLOSE BRASS (PARKE
0010	2	01180	NIPPLE .75" X CLOSE BLACK EH	0010	1	04025	WIRE #14 TEW STRD 105C 600V WH
0010	70	01239	SCREW 10-32 X .375" PAN HEAD M	0010	4	04164	ELEMENT 208V 10KW 3PH B-DIM.=1
0010	4	01249	NUT 6-32HEX PLATED	0010	-4	04165	ELEMENT 240V 10KW 3PH B-DIM.=1
0010	8	01347	NUT 12-24 HEX STEEL PLATED	0010	24	04182	WIRE PIN #12/10 (PK OF 100)
0010	4	01833	SCREW 6-32X.625RNDH D H.SMITH	0010	12	04183	TERMINAL RING #12-10 WIRE #8 S
0010	2	02125	FUSE 250V 15A UL/CSA	0010	4	04190	TERMINAL SLIP-ON PIGGY BACK .2
0010	12	02126	FUSE 250V 40A UL/CSA	0010	2	04229	DECAL SHEET
0010	4	02142	FUSE BLOCK 250V 60A 3P	0010	4	04231	NUT & SLEEVE .5" BRASSCRAFT
0010	2	02176	TERMINAL LUG #8 HOMAC UL/CSA	0010	4	04264	ELBOW CONNECTOR .5" TUBE X .37
0010	2	02177	TERMINAL LUG #4 HOMAC UL/CSA	0010	2	04265	ELBOW STREET .375 NPT POLYPROP
0010	2	02325	VALVE GLOBE .375"125#SWP H.WHE	0010	1	04276	TERMINAL STRIP 600V 35 AMP 10-
0010	2	02490	VALVE BALL .5" 200# SWP	0010	36	04278	WIRE #10 TEFLON INS. W/GLASS S
0010	2	02530	CONTACTOR 50A 120V 3P UL/CSA	0010	12	04281	FUSE BLOCK COVER 250V 60A 1P
0010	2	02585	VALVE SOLENOID .375 120V WATER	0010	2	04301	LABEL NAMEPLATE UL/CSA 3.48 X
0010	2	02616	BLOCK POWER DISTRIBUTION 3-2/0	0010	0	04308	TAPE ALUMINUM FOIL DUCT 50YD R
0010	2	02637	VALVE SAFETY .5" 100# SWP 1" O <i>get</i>	0010	4	04447	SCREW 10-24 X .375 RND HEAD SL
0010	2	02692	VALVE CHECK .5" BALLCONE SPRIN	0010	2	20654	BRACKET SOLENOID VALVE
0010	2	02777	NIPPLE .375 X 3 BLACK EXTRA	0010	2	20656	BRACKET PUMP RB8-30
0010	6	02786	NIPPLE .5" X CLOSE BLACK EH	0010	2	20658	BRACKET FUSE (SET OF 2) RB8-30
0010	2	02796	NIPPLE .5" X 6" BLACK EH ASTM	0010	2	20662	BAFFLE GAUGE GLASS RB8-30
0010	2	02986	COUPLING .75" X .5" BLACK MALL	0010	2	20705	POWER CABINET SUBASY
0010	2	03087	CARTON 30W 30L 30H SLOT 500#	0010	2	20714	PNL LEFT SIDE RB 8-30
0010	1	03258	WIRE #14 STRND TEW 600 BLACK	0010	2	20721	ELECTRONIC BOILER CONTROL (RB)
0010	2	03262	STRAINER .375" Y	0010	2	20733	COVER SOLENOID VALVE ADAPTER
0010	2	03346	VALVE BALL .5" W/LATCH 200 SWP	0010	2	ORF-20	ORIFICE DRILLED #10 (.193) FOR
0010	4	03510	TERMINAL SLIP-ON FEM .250X.032	0010	2	RB30-EP120	ELECTRICAL PANEL HP RB-30 SUBA
0010	4	03561	LOCKWASHER 3/16" EXTERNAL TOOT	0010	2	RB30-SUBAS	SUBASSEMBLY RB 10 THRU 30 BOIL
0010	2	03693	PUMP 120V 1PH 8000-812-280	04316 Relay <i>get</i>			Pressure Control <i>get</i>
0010	2	03716	SKID-5 MODIFIED 30 X 30 INCHES				
0010	8	03720	WASHER FOR PUMP RUBBER BUMPERS	2 - 04163 4000			Pressure Control <i>get</i>
0010	2	03747	CONNECTOR.5"TUBEX.25"NPT MALE				
0010	4	03760	COPPER TUBE REF.5"ODX.032WALL	04296			Pressure Gauge <i>get</i>
0010	2	03763	ELBOW .5"TUBE X .5"NPT NO NUT				
0010	0	03818	TICKET HOLDER FOR SHOP CLEAR F	02299 4000			
0010	2	03923	ELBOW .5" TUBE X .375" NPT				