

CRN#

NATBLD#

SERIAL#

MODELRBH30K3F

WIRE DIAG.....W

WIRE SIZE.....12

HZ.....60

VOLTS.....480

CONTROL VOLT....120.

PHASE.....3

PRESSURE.....80

KILOWATTS...30

CAPACITY 104 PPH/BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 1 / 9 2010

VOLTS 480 AMPS 18.4 TOTAL WATTS 30K

PRESSURE 80 DIFF 5

AMPS TESTED ON 240V
Reimers Electra Steam, 4407 Matrinsburg, Pike

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

HEATER VOLTS 480

KW 30

PH 3 HZ 60

TEAM

HOT WATER

MAX. W.P. 100 (NAMEPLATE)

MIN. SAFETY VALVE CAP. 105 PPH

MAX. W.P. PSIG

MAX. TEMP. DEG F

MIN. SAFETY VALVE CAP PPH OR BTU
(3412 X KW/)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. 100 BY PC DATE 9/1/10

LOW WATER CUTOFF HI WATER CUTOFF

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2350 SAT UNSAT BY OC DATE 9/1/10 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

SAFETY VALVE

CAPACITY 423
LB PER HR.OPERATIONAL
TEST

APPEARANCE

BLOWDOWN MAN AUTO

CONDENSATE TANK

CONDENSATE & PIPE, ECT

CONTROLS

ELEMENT

FEED WATER 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 480 15

JURISDICTION = VA.

FUEL =ELECTRIC

NAMEPLATE: O.P. 100 KW 30 VOLTS 480 PH 3 HZ 60

Representing Reimers Electra Steam, INC. BY(Print) David E. Collier DATE 9/1/10

Signature David E. Collier

INITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)

2 of 2



0010010

Work Order Tra

SCHEDULED START: 00

DUE DATE: 00

QUANTITY: 1

UNIT OF MEASUREMENT: EA

ITEM NUMBER: **RBH30K3F**DESCRIPTION: **BOILER RBH 30KW 480V 3PH 100#**

REVISION: 003

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCR
2	20654	BRACKET SOLENOID VALVE	2	04731	STUD PRESS-IN THREA
2	04462	BUSHING .375 X .25 BRASS SB16	2	RB30-SUBAS	SUBASSEMBLY RB 10 TI
2	04701	CARTON RB 30W 35L 28.75H SLOT	12	04080	TERMINAL RING FOR #
2	02254	CONNECTOR .375" 2 SCREW NEER	12	02741	TERMINAL RING 10-12W
2	02530	CONTACTOR 50A 120V 3P UL/CSA	2	03346	VALVE BALL .5" W/LAT
2	20838	CONTROLLER 04316-EBC-LED	2	02325	VALVE GLOBE .375"125#
2	03760	COPPER TUBE REF.5"ODX.032WALL	2	02637	VALVE SAFETY .5" 100#
2	04781	COUPLING .5" BRASS B16.15 125	2	04761	VALVE SOLENOID .375"
2	20775-11	COVER ELEMENT TERMINALS RB REV	8	03720	WASHER FOR PUMP RU
2	20775-7	COVER RIGHT ELEC BOX RB REV3	20	04278	WIRE #10 TEFLON INS. V
2	04229	DECAL SHEET			
2	04813	DINCONNECTOR/CORD FOR RB BOILE			
2	03923	ELBOW .5" TUBE X .375" NPT			
2	04264	ELBOW CONNECTOR .5" TUBE X .37			
2	04265	ELBOW STREET .375 NPT POLYPROP			
4	04164	ELEMENT 208V 10KW 3PH B-DIM.=1			
4	04666	ELEMENT 480V 15KW 3P BDIM 18.5			
2	02655	FUSE 250V 5A UL/CSA			
2	20862	LABEL MAX. TORQUE 40. LB IN /0			
2	20860	LABEL MAX. TORQUE 7.0 LB IN /0			
2	04301	LABEL NAMEPLATE UL/CSA 3.48 X			
4	03077	LOCKWASHER .25" HEAVY STEEL HE			
4	03561	LOCKWASHER 3/16" EXTERNAL TOOT			
2	20840	MANIFOLD FEED WATER SUBASSY RB			
2	04668	NIPPLE .25" X 1.125" BRASS SCH			
4	03948	NIPPLE .375 X CLOSE BRASS SCH4			
2	04784	NIPPLE .375" X 4" BRASS ASTM B			
2	04787	NUT .25-20 ZINC PLATED			
4	01351	NUT .25-20HEX JAM PLATE			
2	04163	PRESSURE CONTROL 60# OPERATING			
2	04296	PRESSURE CONTROL 90# HI LIMIT			
2	20842	PRESSURE CONTROL MANIFOLD RB R			
2	04661	PRESSURE GAUGE 2.0" .25" 0-160			
2	04178	PUMP 120V 1PH W/CORD POSITIVE			
2	20775-9	PUMP BASE MOUNTING BRACKET			
2	20775-8	PUMP BASE SOL VAL. RB REV3 ASS			
2	04593	SCREW .25-20 X .75 HEX CAP PLA			
2	04760	SCREW 1/4"-20 X .75" PAN HEAD			
4	04447	SCREW 10-24 X .375 RND HEAD SL			
16	01291	SCREW 8-32X.25RNDHD SLT MCH ZI			
20	01246	SCREW 8-32X.375RDHD MCH PLT SL			
8	01579	SCREW 8-32X1RND SLT PLATED STL			
2	03262	STRAINER .375" Y			

OPT 100

DC 9/1/10
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