

STEAM WORKSHEET

UL-FILE # E39545

NAT. BD# 140773SERIAL # 140773DATE (M/D/Y) 5 / 21 / 20 25

CRN # _____



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NAMEPLATE RATINGS:

(TO BE COMPLETED BY THE SALES DEPARTMENT)

PART NUMBER RXHC36C3FMODEL RHC-36POWER SUPPLY VOLTAGE 208CONTROL VOLTAGE 120PHASE 3FREQUENCY (HZ) 60MAX. W.P. 100KILOWATTS 36POWER SUPPLY WIRE SIZE 1

(TO BE COMPLETED BY THE ENGINEERING DEPARTMENT)

WIRE DIAGRAM NO.

02, 10, 37, 50, 60, 72, X, 90, 100, 170, 190REV 7**TESTING SEQUENCE** (TO BE COMPLETED BY THE QUALITY CONTROL MANAGER/CERTIFIED INDIVIDUAL)**A. HYDROSTATIC TEST OF COMPLETED BOILER:**PSIG 100 PERFORMED BY mm DATE 5-21-25 SATISFACTORY YES ☒ NO ☐**B. DIELECTRIC VOLTAGE WITHSTAND TEST: (IAW UL834)**VOLTS 1200 PERFORMED BY mm DATE 5-21-25 SATISFACTORY YES ☒ NO ☐**C. SAFETY RELIEF VALVE: MANUFACTURER** CONBRACO **Model #** 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 PERFORMED BY mm DATE 5-21-25 SATISFACTORY YES ☒ NO ☐**D. HEATING ELEMENT TESTING: AMPS** 52.7 **VOLTS** 208 **TOTAL KW** 36PERFORMED BY mm DATE 5-21-25 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>mm</u>	<u>X</u>	<u>5-21-25</u>	<u>REIMERS</u>	<u>04316</u>	<u>04316</u>
PRESSURE CONTROLS						
HIGH LIMIT	<u>mm</u>	<u>90</u>	<u>5-21-25</u>	<u>TECMARK</u>	<u>3155-ED</u>	<u>04296</u>
OPERATING #1	<u>mm</u>	<u>80</u>	<u>5-21-25</u>	<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
OPERATING #2				<u>TECMARK</u>	<u>3156-EC</u>	<u>04163</u>
TEMPERATURE CONTROLS						
HIGH LIMIT						
OPERATING CONTROL						

F. CHECKOUT: CHECKOUT LIST NO. _____ **SATISFACTORY** YES ☐ NO ☐Rep. Reimers Electra Steam, INC. (Name) Marshall McFarlandDATE 5-21-25 Signature Marshall McFarland

Rep. Installer Contractor (Name) _____

DATE _____ Signature _____



Reimers Electra Steam
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Replacement Parts List

Model Number: RXHC36C3F

BOILER RHC 36KW 208V 3PH 100#

SAFETY

<u>Part Number</u>	<u>Description</u>
20740	COND. TANK ASSY. (RHC 36-120)
20791	CONDENSATE TANK MAKE UP VALVE
03445	CONTACTOR 35A 120V 2P DEFINITE
02539	CONTACTOR 75A 120V 3P DEFINITE
20838	CONTROLLER 04316-EBC-LED
MBJ175	ELECTRODE FITTING .125" NPT 6. REFILL
MBJ057	ELECTRODE FITTING 057 MM/2.25" HIGH WATER CUTOFF
MBJ187	ELECTRODE FITTING 187 MM/7.375 LOW WATER CUTOFF
02190	ELEMENT 208V 18KW 3P 304SS SHE
02022	FLANGE GASKET 2" RING 1/16" FOR HEATING ELEMENT
02086	FLANGE GASKET 6.5" RING FOR COND. TANK
02125	FUSE 250V 15A CLASS K5 FAST-AC
02127	FUSE 250V 60A CLASS K5 FAST-AC
02655	FUSE 250V 5A CLASS K5 FAST-ACT
02001	GAUGE FIXTURE SET .5" NPT BRZ FOR COND. TANK
02396	GAUGE FIXTURE SET .5" NPT BRZ FOR BOILER
05592	GAUGE GLASS .625" X 5.75" DURA FOR BOILER
02690	GAUGE GLASS .625" X 7.25" DURA FOR COND. TANK
04163	PRESSURE CONTROL 60# OPERATING
04296	PRESSURE CONTROL 90# HI LIMIT
02329	PRESSURE GAUGE 2.5" 0-160# BRZ
05910	PUMP 1/3 HP 115-230V 1P 60HZ F
02370	VALVE CHECK .5" NPT BRZ 200# W
02462	VALVE CHECK .5" NPT BRZ 200# W
02637	VALVE SAFETY .5" NPT BRZ 100#
02170	WIRE STRD #6 BLACK TEW TC 600V
OPT1011-208R80	TRANSFORMER 1.5KVA 208/120V
BTANK-10-C-V	CLOSED BLOWDOWN TANK VERTICAL
