

PUMP

BLOWER/P2 OZONE



Balboa Instruments Incorporated
01/11/06

SUV SYSTEM WIRING DIAGRAM

P/N 52531-03

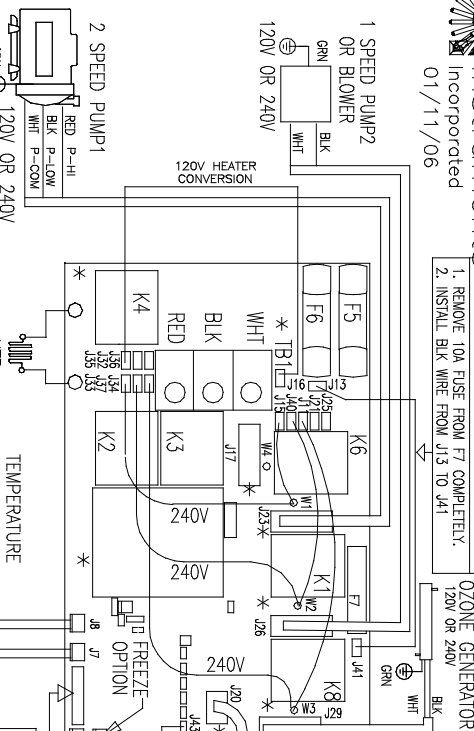
- SUCTION TO PUMP2 CONVERSION INSTRUCTIONS:
1. REMOVE 10A FUSE FROM T1 COMPLETELY.
2. INSTALL BLK WIRE FROM J15 TO J41

OZONE GENERATOR
120V OR 240V

DIP SWITCH SETTINGS

DIP SWITCH SETTINGS

MINI PANEL



120V TO 240V HEATER CONVERSION INSTRUCTIONS:

- CONVERSION MUST BE PERFORMED BY A QUALIFIED, LICENSED ELECTRICIAN, HARDWARE ONLY.
- DISCONNECT FROM POWER & REMOVE WIRE COPRO, COMPLETELY AND DISCARD.
- REMOVE WIRE CONNECTED TO J-16 & J-35.
- INSTALL 240V POWER LINE TO T81 TERMINAL BLOCK.
- SET DIP SWITCH 10 TO "OFF" POSITION.

If this unit is to be permanently connected, connect only to a circuit that is protected by a Class A ground fault circuit interrupter (GFCI.).

LOCATION	DEVICE	VOLTAGE	RATING	CONNECT TO	CONNECT TO
J23	2 SPD P1	120/240V	16/12A	W1	J15
J26	BLOWER	120/240V	8A	W2	J40
J26	1SP PUMP2	120/240V	16/12A	W2	J40
J29	OZONE	120/240V	1A	W3	J11
J20	SPA LIGHT	12V			

P/N 52531-03
MODEL SUV

Balboa Instruments Incorporated
BALBOA INSTRUMENTS INC.
TUSTIN, CA.

Certified to comply with the limits for a class B computing device pursuant to subpart J of part 15 of the FCC rules

MODEL: WHM-SUV-CCAH
PAT. NO. 4618797

USE COPPER CONDUCTOR ONLY.
#16 AWG MIN. WIRE = 90°
EMPLOYER UNQUOTEMENT DES CONDUCTEURS DE CUIVRE.
TORQUE RANGE FOR TB1: 27-50 IN. LBS.
FOR SUPPLY CONNECTIONS, USE CONDUCTORS SIZED ON THE BASIS OF 80% AMPACITY BUT RATED MINIMUM OF 90°C.

NOTE: THIS CIRCUIT BOARD HAS NINE MOUNTING HOLES (INDICATED BY *)

TEMPERATURE SENSOR A
TEMPERATURE SENSOR B

OPTION FROST/FREEZE

120V HEATER CONVERSION

ON	1	2	3	4	5	6	7	8	9	10
OFF	TEST MODE	NOT USED	NOT USED	AUX. FREEZE	NOT USED	NOT USED	DEG F/C	NOT USED	NOT USED	30S
OFF	D.DUP	MINI	PANEL OPTION	MUST BE "OFF"	60Hz	50Hz	5	3	30S	30S

ATTENTION ELECTRICIAN:
THIS SYSTEM CAN BE CONFIGURED TO OPERATE ON 120V OR 240V. DETERMINE CORRECT VOLTAGE REQUIRED BEFORE CONNECTING TO POWER SUPPLY.

OUTPUT VOLTAGE CONVERSION
120V TO 240V CONVERSION INDICATED BY DASHED LINES

100% TOTAL OUTPUT AMPERAGE DRAW NOT TO EXCEED MAX INPUT RATING OF SPA.

ALL UNUSED SWITCHES SHOULD BE OFF