USE COPPER WIRE
MIN 10 AWG
@ 105° C

P/N 53170HC1
MODEL M3

Balboa Instruments Incorporated
BALBOA INSTRUMENTS INC.
TUSTIN, CA.

LISTED 74254 US

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

60 HZ

MODEL: DE-M3-DCA

PAT. NO. 4618797

Blower Ozone

USE COPPER CONDUCTOR ONLY
#6 AWG MIN. WIRE = 60/75°C

EMPLOYER UNIQUEMENT DES CONDUCTEURS DE CUIVRE.

TORQUE RANGE FOR TB1: 16-18 IN. LBS

Balboa Instruments Incorporated
01/14/06

M3 SYSTEM WIRING DIAGRAM

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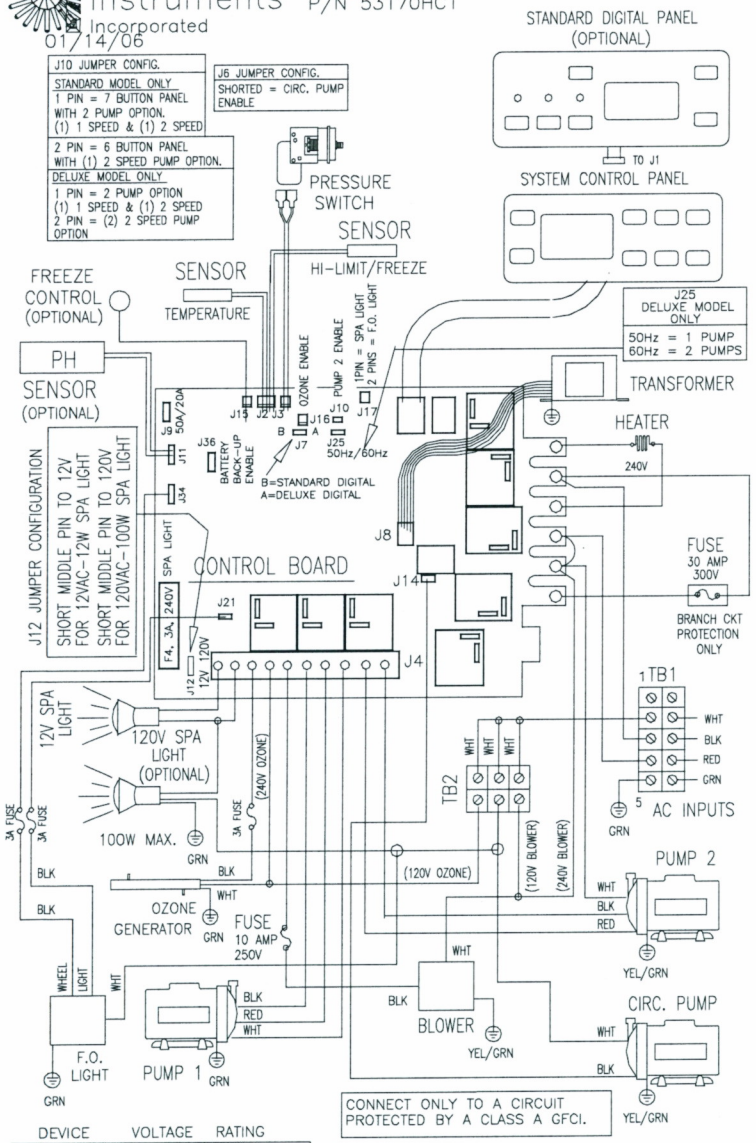

J10 JUMPER CONFIG.
STANDARD MODEL ONLY
1 PIN = 7 BUTTON PANEL WITH 2 PUMP OPTION.
(1) 1 SPEED & (1) 2 SPEED
2 PIN = 6 BUTTON PANEL WITH (1) 2 SPEED PUMP OPTION.
DELUXE MODEL ONLY
1 PIN = 2 PUMP OPTION
(1) 1 SPEED & (1) 2 SPEED
2 PIN = (2) 2 SPEED PUMP OPTION

J6 JUMPER CONFIG.
SHORTED = CIRC. PUMP ENABLE

B=STANDARD DIGITAL
A=DELUXE DIGITAL

CONNECT ONLY TO A CIRCUIT PROTECTED BY A CLASS A GFCI.

DEVICE	VOLTAGE	RATING
PUMP1	240V	12A
PUMP2	240V	12A
CIRC PUMP	120V	4A
OZONE	240/120V	1A
SPA LIGHT1	12V	12W
FIBER OPTIC	120V	2A
BLOWER	240/120V	8A
SPA LIGHT2	120V	100W
HEATER	240V	5.5KW

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

"A disconnecting means must be installed within sight from the equipment and at least 5 feet (1.52 m) from the inside walls of the pool, spa, or hot tub."

BLOWER OR OZONE 240V TO 120V CONVERSION

1. FOR BLOWER, DISCONNECT (WHT) WIRE @ FINGER #5. FOR OZONE, DISCONNECT (WHT) WIRE @ J4 #7.
2. CLIP THE CONNECTOR OFF OF THE (WHT) WIRE AND STRIP THE INSULATION BACK APPROX. 1/4".
3. MOVE (WHT) OZONE OR BLOWER WIRE TO (TB2) POSITIONS AS INDICATED BY DASHED LINES.