



Blower Ozone

P/N 53174HC1
MODEL M1



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

60 HZ

MODEL: DU-M1-CCAH

PAT. NO. 4618797

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

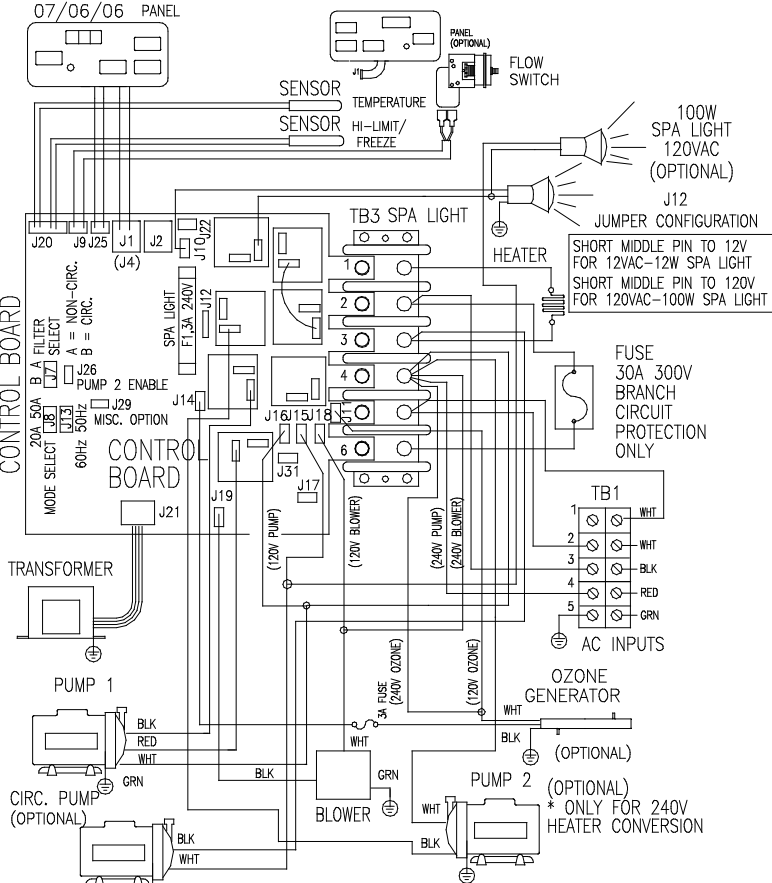
EMPLOYER UNOQUEMENT DES CONDUCTEURS DE CUIVRE.

TORQUE RANGE FOR TB1: 21-23 IN. LBS



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07/06/06 PANEL

M1 SYSTEM WIRING DIAGRAM P/N 53174HC1



Pump 1

CONVERSION DIAGRAM 120V TO 240V

CONVERSION INSTRUCTIONS:

- CONVERSION MUST BE PERFORMED BY A QUALIFIED, LICENSED ELECTRICAL, HARDWARE ONLY.
- DISCONNECT FROM POWER & REMOVE CORD.
- MOVE RED WIRE (TB1-1) TO (TB1-4) AS INDICATED BY DASHED LINES.
- MOVE THE HEATER MODE SELECTOR (J8) ON THE CONTROL BOARD FROM 20A TO 50A 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 (G.F.C.I.).

DEVICE	VOLTAGE	RATING
PUMP1	120/240V	15/12A
PUMP2	240V	12A
CIRC PUMP	120/240V	4A
BLOWER	120/240V	6.8/4.5A
OZONE	120/240V	1A
SPA LIGHT	12V	12W
HEATER	120/240V	1.4/5.5KW

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

PUMP, BLOWER OR OZONE 240V TO 120V CONVERSION

- FOR PUMP: DISCONNECT (WHT) WIRE ● FINGER #4. FOR BLOWER, DISCONNECT (WHT) WIRE ● FINGER #4. FOR OZONE, DISCONNECT (WHT) WIRE ● FINGER #4.
- MOVE (WHT) PUMP, OZONE OR BLOWER WIRE TO THEIR RESPECTIVE POSITIONS AS INDICATED BY DASHED LINES.

"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."