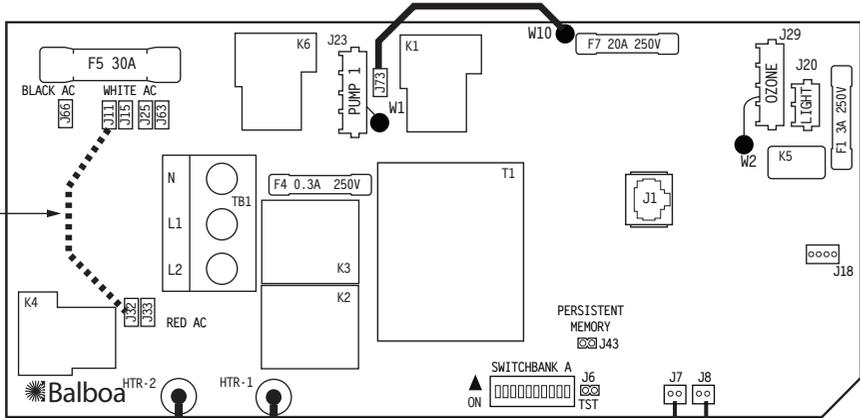


04-04-17

CONNECT ONLY TO CIRCUITS PROTECTED BY A CLASS A GFCI.

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.



USE COPPER CONDUCTORS ONLY. EMPLOYER UNIQUEMENT DES CONDUCTEURS DE CUIVRE. #6 AWG MIN. WIRE= 90°  
 FOR SUPPLY CONNECTIONS, USE CONDUCTORS SIZED ON THE BASIS OF 60°C AMPACITY BUT RATED MINIMUM OF 90°C.

TORQUE RANGE FOR MAIN TERMINAL BLOCK: 27-30 IN. LBS.

**SWITCHBANK A OFF (DOWN)**

TEST MODE OFF	◀ A1	TEST MODE ON
UNUSED/JET/TEMP/LIGHT	A2 ▶	JET/LIGHT/TEMP DOWN/TEMP UP
LTDUP OR DIGDUP PANEL	A3 ▶	MINI PANEL
MUST BE OFF	◀ A4	N / A
SEE PUMP 1 TIMEOUT TABLE	◀ A5	SEE PUMP 1 TIMEOUT TABLE
60HZ	◀ A6	50HZ
STD/ECN/SLEEP MODE	◀ A7	STANDARD MODE ONLY
DEGREES F	◀ A8	DEGREES C
SEE PUMP 1 TIMEOUT TABLE	◀ A9	SEE PUMP 1 TIMEOUT TABLE
HIGH AMP MODE	◀ A10*	LOW AMP MODE

ALL UNUSED SWITCHES SHOULD BE OFF

**PUMP 1 TIMEOUTS**

LOW-SPEED	HIGH-SPEED	A5	A9
2 HOURS	15 MINUTES	OFF	OFF
2 HOURS	30 MINUTES	ON	OFF
15 MINUTES	15 MINUTES	OFF	ON
30 MINUTES	30 MINUTES	ON	ON

**SETUP 1 (AS MANUFACTURED - 240V PUMP AND OZONE)**

LOCATION	DEVICE	VOLTS	AMPS	FROM	TO
J23	2 SPD P1	240V	12A	W1	RED AC
J29	OZONE	240V	1A	W2	RED AC
J20	LIGHT	12V	12W		
HTR	HEATER	240V*	5.5kW	HTR TERM	HTR 1/2

HIGH AMP MODE	◀ A10*	LOW AMP MODE
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TOTAL OUTPUT AMP DRAW NOT TO EXCEED MAX INPUT RATING OF SPA USE EARTH GROUND CONNECTIONS AS INDICATED INSIDE THE SYSTEM ENCLOSURE

**SETUP 2 (OPTIONAL - 120V PUMP AND OZONE)**

LOCATION	DEVICE	VOLTS	AMPS	FROM	TO
J23	2 SPD P1	120V	15A	W1	WHITE AC
J29	OZONE	120V	1A	W2	WHITE AC
J20	LIGHT	12V	12W		
JUMPER	HEATER	120V*		WHITE AC	RED AC
HTR	HEATER	120V*	1.4kW	HTR TERM	HTR 1/2

HIGH AMP MODE	A10* ▶	LOW AMP MODE
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\* DIP SWITCH A10 MUST BE ON (UP) WHEN THE HEATER IS RUNNING AT 120VAC.

TORQUE RANGE FOR HEATER CONNECTIONS: 30 TO 35 IN. LBS.

5.5 kW HEATER (APPROX. 1.4kW @ 120V)

JUMPER INSTALLED FOR 120V SYSTEM/HEATER. REMOVE FOR 240V HEATER CONVERSION WITH LINE 2 (RED) INSTALLED. PUMP AND OZONE MUST REMAIN 120VAC.

**120V TO 240V HEATER CONVERSION INSTRUCTIONS:**

1. CONVERSION MUST BE PERFORMED BY A QUALIFIED, LICENSED ELECTRICIAN.
2. DISCONNECT FROM POWER AND REMOVE POWER CORD.
3. REMOVE WHITE JUMPER WIRE BETWEEN RED AC & WHITE AC.
4. INSTALL LINE 1, LINE 2 AND NEUTRAL TO TB1 TERMINAL BLOCK.
5. SET DIP SWITCH A10 TO OFF (DOWN) WITH A 40A SERVICE.