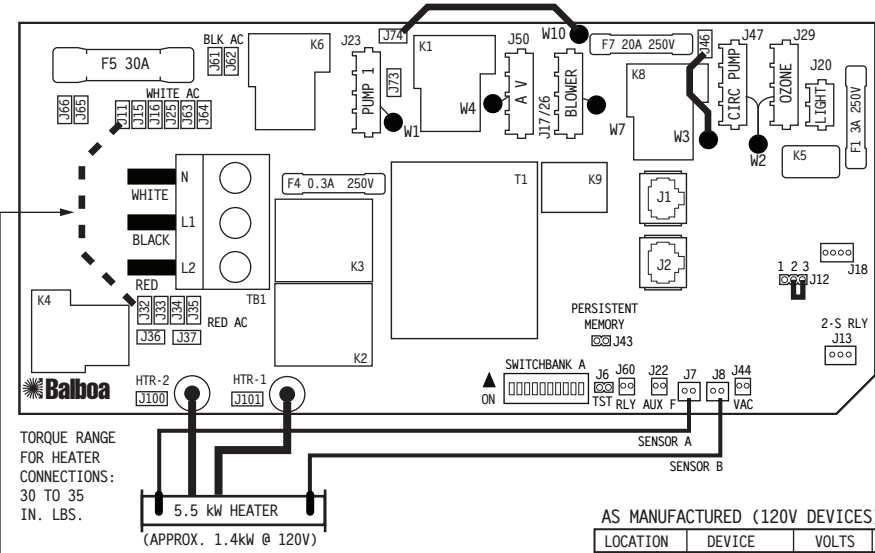


CONNECT ONLY TO CIRCUITS PROTECTED BY A CLASS A GFCI.

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.

CONTROL PANEL
TO J1



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
STANDARD/ECON/SLEEP MODES	◀ A2	STANDARD MODE ONLY
DIG OR LT DUPLEX PANEL	◀ A3	MINI PANEL
AUX FREEZE (MUST BE OFF)	◀ A4	AUX FREEZE (MUST BE OFF)
SEE CIRC PUMP BEHAVIOR	◀ A5	SEE CIRC PUMP BEHAVIOR
60HZ	◀ A6	50HZ
BLOWER/JET/TEMP/LIGHT	◀ A7	JET/LIGHT/DOWN/UP
DEGREES F	◀ A8	DEGREES C
SEE CIRC PUMP BEHAVIOR	◀ A9	SEE CIRC PUMP BEHAVIOR
HIGH AMP MODE	◀ A10	LOW AMP MODE

SWITCHBANK A ON (UP)

ALL UNUSED SWITCHES SHOULD BE OFF

CIRC PUMP BEHAVIOR	A5	A9	PUMP 1 SPEEDS
NO CIRC PUMP	OFF	OFF	2-SPEED
CIRC ACTS LIKE PUMP 1 LOW	ON	OFF	1-SPEED
24 HR WITH 3°F SHUT-OFF	OFF	ON	1-SPEED
24 HR WITH 3°F SHUT-OFF	ON	ON	2-SPEED

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

AS MANUFACTURED (120V DEVICES)

LOCATION	DEVICE	VOLTS	AMPS	FROM	TO
J23	2 SPD P1	120V	15A	W1	WHT AC
J47	CIRC PUMP	120V	4A	W2	WHT AC
J17/26	BLOWER	120V	15A	W7	WHT AC
J50	AV	120V	2A	W4	WHT AC
J29	OZONE	120V	1A	W2	WHT AC
J20	LIGHT	12V	12W		
HTR	HEATER	240V	5.5kW	HTR TERM	HTR 1/2

OPTIONAL (240V DEVICES)

LOCATION	DEVICE	VOLTS	AMPS	FROM	TO
J23	2 SPD P1	240V*	12A	W1	RED AC
J47	CIRC PUMP	240V*	4A	W2	RED AC
J17/26	BLOWER	240V*	12A	W7	RED AC
J50	AV	240V*	2A	W4	RED AC
J29	OZONE	240V*	1A	W2	RED AC
J20	LIGHT	12V	12W		
HTR	HEATER	240V*	5.5kW	HTR TERM	HTR 1/2

JUMPER INSTALLED FOR 120V HEATER CONVERSION. REMOVE FOR 240V HEATER.

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. COMPLETELY REMOVE JUMPER WIRE BETWEEN J11 AND J32 AND DISCARD.
4. INSTALL 240V POWER CONDUCTORS TO MAIN TERMINAL BLOCK (TB1)
5. SET DIP SWITCH A10 TO OFF (DOWN)

TOTAL OUTPUT AMP DRAW NOT TO EXCEED MAX INPUT RATING OF SPA

*ALL DEVICES LABELED 240V WILL RUN AT 120V WHEN HEATER IS CONVERTED TO 120V
CIRC PUMP IS AN OPTIONAL DEVICE. SEE CIRC PUMP BEHAVIOR TABLE.

USE EARTH GROUND CONNECTIONS AS INDICATED INSIDE THE SYSTEM ENCLOSURE