LEISURE BAY

P/N 54340
MODEL LB501S

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: VSP-LB501S-DCAJ

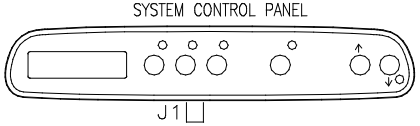
PAT. NO. 4618797

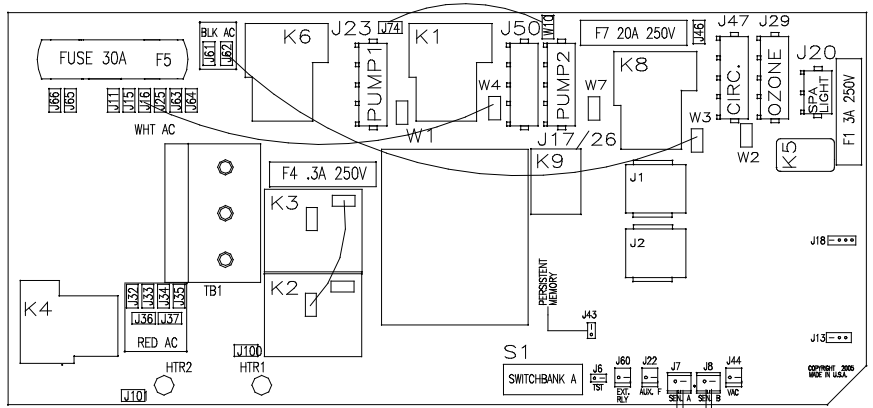
Balboa Instruments
Incorporated
01/18/06

LB501S SYSTEM WIRING DIAGRAM

PART NUMBER 54340

SYSTEM CONTROL PANEL





USE COPPER CONDUCTOR ONLY
#6 AWG MIN.
WIRE= 90°C

EMPLOYER UNIQUEMENT DES CONDUCTEURS DE CUIVRE.

TORQUE RANGE FOR TB1:
27-30 IN. LBS

FOR SUPPLY CONNECTIONS, USE CONDUCTORS SIZED ON THE BASIS OF 60°C AMPACITY BUT RATED MINIMUM OF 90°C.

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

LOCATION	DEVICE	VOLTAGE	RATING	CONNECT FROM	CONNECT TO
J17/26	1 SPD P2	240V	12A	W7	J35
J23	1 SPD P1	240V	12A	W1	J34
J47	CIRC PUMP	120V	3A	W2	J63
J29	OZONE	120V	1A	W2	J63
J20	SPA LIGHT	12V	12W		
HTR1-2	HEATER	240V	4.0KW		

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

CONNECT ONLY TO A CIRCUIT 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."

"A"DIP SWITCH SETTINGS

ON 1	2	3	4	5	6	7	8	9	10
OFF									
MODE	TEST MODE	PANEL OPTION	BLOWER, P1-H TIMEOUT	AUX. FREEZE MUST BE "OFF"	CIRC: P1 1SPD	60HZ/50HZ	J17/26 ENABLE	DEG F/DEG C	
ON	YES	LONG SERSTD	30 MIN	N/A	2SPEED	50HZ	YES	DEG C	DEG F
								NON CIRC./ 24HR CIRC	
OFF	NO	BAL SERSTD	15 MIN.	N/A	1SPEED	60HZ	NO	DEG F	NON
								30A	50A

ALL UNUSED SWITCHES SHOULD BE OFF