

FUMP 2

EXPANDER

X-2SP KIT

53913

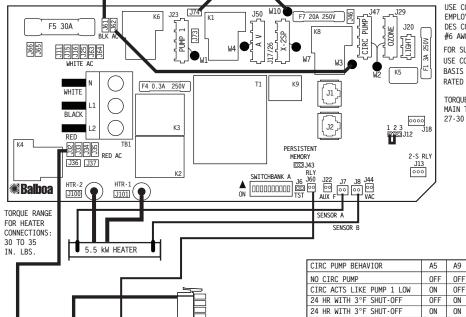
VS511Z - PN 54382-05

01/25/11

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



CONNECT TO J17/26

DEVICE

2 SPD P2

VOLTS

240V

AMPS

12A

FROM

W12 ON

EXPANDER

T0

RED AC

LOCATION

EXPANDER

J7 ON

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.

PUMP 1 SPEEDS

2-SPEED

1-SPEED

1-SPEED

2-SPEED

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

SWITCHBANK A OFF (DOWN)

SWITCHBANK A ON (UP)

TEST MODE OFF	■ A1	TEST MODE ON
SEE TABLE 1	■ A2	SEE TABLE 1
DDUP/LTDUP PANELS	⋖ 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
STD/ECON/SLP MODES	■ A7	STANDARD MODE ONLY
DEGREES F	■ A8	DEGREES C
SEE CIRC PUMP BEHAVIOR	⋖ A9	SEE CIRC PUMP BEHAVIOR
SEE TABLE 1	A10 ►	SEE TABLE 1

ALL UNUSED SWITCHES SHOULD BE OFF

TABLE 1

# OF HIGH-SPEED PUMPS AND/OR BLOWER WITH HEATER	A2	A10
0 HIGH-SPEED PUMP OR BLOWER	0FF	0FF
1 HIGH-SPEED PUMP OR BLOWER	ON	0FF
2 HIGH-SPEED PUMPS OR 1 HIGH-SPEED PUMP AND BLOWER	0FF	ON
3 HIGH-SPEED PUMPS OR 2 HIGH-SPEED PUMPS AND BLOWER	ON	ON

LOCATION	DEVICE	VOLTS	AMPS	FROM	T0
J23	2 SPD P1	240V	12A	W1	RED AC
J47	CIRC PUMP	120V	4A	W2	WHT AC
J17/26	X-2SP	240V	12A	W7	RED 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

TOTAL OUTPUT AMP DRAW NOT TO EXCEED MAX INPUT RATING OF SPA CIRC PUMP IS AN OPTIONAL DEVICE. SEE CIRC PUMP BEHAVIOR TABLE.

USE EARTH GROUND CONNECTIONS AS INDICATED INSIDE THE SYSTEM ENCLOSURE