

IR RECEIVER
J40

CHROMAZONE™
J34 OR J35

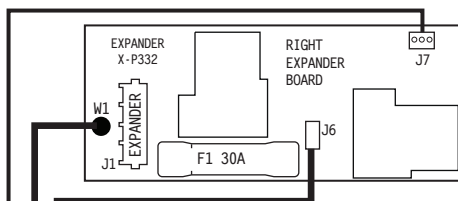
WIFI
TRANSCIEIVER
J34 OR J35

TP (MAIN) PANELS
J34 OR J35

AUX
J5 (A1-A4)
OR
J8 (A5-A8)

EXPANDER X-P332

LOCATION	DEVICE	VOLTS	AMPS	FROM	TO	FROM	TO
J1	2 SPD* PUMP 3	240V	12A+ + 8A+ MAX	W1	GROUP 2	J6	GROUP 3



† WHEN USING SPLITTER WITH
EXPANDER BOARD BOTH OUTPUTS
NEED TO ADD UP TO 20A MAX.

***EXPANDER BOARD IS:**

- 2-SPEED PUMP 3 IN SETUPS 1, 7
- 1-SPEED PUMP 3 (ONLY) IN SETUPS 2, 6, 8, 13, 14
- 1-SPEED PUMP 3 AND 1-SPEED BLOWER (WITH SPLITTER & IN-LINE FUSE) IN SETUPS 15, 16
- 1-SPEED PUMP 2 AND 1-SPEED PUMP 3 IN SETUPS 5, 11, 12
- 2-SPEED PUMP 2 IN SETUPS 3, 9
- 1-SPEED PUMP 2 IN SETUP 17, 18
- UNUSED IN SETUPS 4, 10

****J14 (AUX) IS:**

- 2-SPEED PUMP 2 IN SETUPS 1, 2, 4, 7, 8, 10, 15, 16
- 1-SPEED PUMP 2 IN SETUPS 6, 13, 14
- 1-SPEED BLOWER IN SETUPS 3, 5, 9, 11, 12, 17, 18

PART A

LOCATION	DEVICE	VOLTS	MAX AMPS	FROM	TO
J9	2-SP PUMP 1	240V	12A MAX	J46	GROUP 2
J14	1-SP PUMP 2	240V	12A MAX	J18	GROUP 2
	J14 LINE 1 CONNECTION			J43	J19
				J10	J50
J15	SPA LIGHT	10V	2A*		
J21	CIRC PUMP	120V**	2A MAX	J20	GROUP 4
J32	OZONE		1A		
	CIRC AND OZONE LINE 1 CONNECTION			J81	J59
J33	TV / AV	120V	3A	J38	GROUP 4
J44	HEATER	240V	5.5 kW		

* 2A LIMIT IS SHARED BY J15 SPA LIGHT AND CHROMAZON™

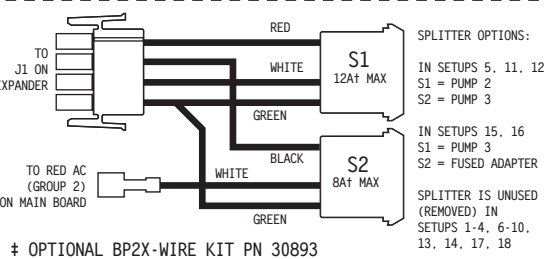
** FOR 240V CIRC PUMP AND OZONE, CONNECT J20 TO GROUP 2

SETUP #	CIRC PUMP	PUMP 1	PUMP 2	PUMP 3	BLOWER	TEMP SCALE
1	NONE	2-SPEED	2-SPEED	2-SPEED	NONE	°F
2	NONE	2-SPEED	2-SPEED	1-SPEED	NONE	°F
3	NONE	2-SPEED	2-SPEED	NONE	1-SPEED	°F
4	NONE	2-SPEED	2-SPEED	NONE	NONE	°F
5‡	NONE	2-SPEED	1-SPEED	1-SPEED	1-SPEED	°F
6	NONE	2-SPEED	1-SPEED	1-SPEED	NONE	°F
7	PROGRAMMABLE FILTRATION + POLLING	2-SPEED	2-SPEED	2-SPEED	NONE	°F
8	PROGRAMMABLE FILTRATION + POLLING	2-SPEED	2-SPEED	1-SPEED	NONE	°F
9	PROGRAMMABLE FILTRATION + POLLING	2-SPEED	2-SPEED	NONE	1-SPEED	°F
10	PROGRAMMABLE FILTRATION + POLLING	2-SPEED	2-SPEED	NONE	NONE	°F
11‡	PROGRAMMABLE FILTRATION + POLLING	2-SPEED	1-SPEED	1-SPEED	1-SPEED	°F
12‡	PROGRAMMABLE FILTRATION + POLLING	1-SPEED	1-SPEED	1-SPEED	1-SPEED	°F
13	PROGRAMMABLE FILTRATION + POLLING	2-SPEED	1-SPEED	1-SPEED	NONE	°F
14	PROGRAMMABLE FILTRATION + POLLING	1-SPEED	1-SPEED	1-SPEED	NONE	°F
15‡	NONE	2-SPEED	2-SPEED	1-SPEED	1-SPEED	°F
16‡	PROGRAMMABLE FILTRATION + POLLING	2-SPEED	2-SPEED	1-SPEED	1-SPEED	°F
17	PROGRAMMABLE FILTRATION + POLLING	1-SPEED	1-SPEED	NONE	1-SPEED	°F
18	NONE	2-SPEED	1-SPEED	NONE	1-SPEED	°F

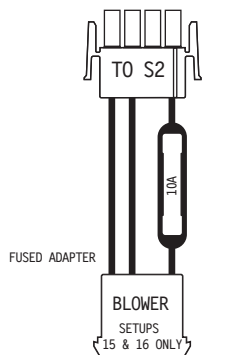
PUMP 1 LOW TIMEOUT IS 15 MINUTES.

‡SETUPS 5, 11, 12, 15 AND 16 REQUIRE BP2X-WIRE KIT PN30893

INSTEAD OF
SETUP #1,
THIS SYSTEM IS
CONFIGURED IN
SETUP #:



‡ OPTIONAL BP2X-WIRE KIT PN 30893



SETUPS 15 AND 16 REQUIRE THE ADDITIONAL FUSED ADAPTER FOR BLOWER OUTPUT

† WHEN USING SPLITTER WITH EXPANDER BOARD FOR BOTH PUMP 2 AND PUMP 3, BOTH OUTPUTS NEED TO ADD UP TO 20A MAX.

SWITCHBANK S1 OFF

TEST MODE OFF	◀ A1	TEST MODE ON
DON'T ADD 1 HS PUMP W/HTR	A2 ▶	ADD 1 HS PUMP WITH HEAT
DON'T ADD 2 HS PUMPS W/HTR	◀ A3	ADD 2 HS PUMPS WITH HEAT
DON'T ADD 4 HS PUMPS W/HTR	◀ A4	ADD 4 HS PUMPS WITH HEAT
SPECIAL AMPERAGE RULE A	◀ A5	SPECIAL AMPERAGE RULE A
STORE SETTINGS**	◀ A6	MEMORY RESET**
1 MIN HTR COOLDOWN (ELEC)	◀ A7	5 MIN HTR COOLDOWN (GAS)
NOT ASSIGNED	◀ A8	NOT ASSIGNED
NOT ASSIGNED	◀ A9	NOT ASSIGNED
NOT ASSIGNED	◀ A10	NOT ASSIGNED

** SWITCH # 6 SHOULD BE SET TO OFF UPON FINAL INSTALLATION.

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 (TB1):
27-30 IN. LBS. (31.1-34.5 kg cm)

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.

TOTAL OUTPUT AMP DRAW NOT TO EXCEED MAX INPUT RATING OF SPA
USE EARTH GROUND CONNECTIONS AS INDICATED INSIDE THE SYSTEM ENCLOSURE

BALBOA
water group

SGBP2KG1 - PN 59245

03-11-19

PART B