

MOVE WIRE TO CONNECT J20 TO J13 FOR BLOWER IN SETUPS 3 & 4

# BP501G1 PN 56778

09-29-15

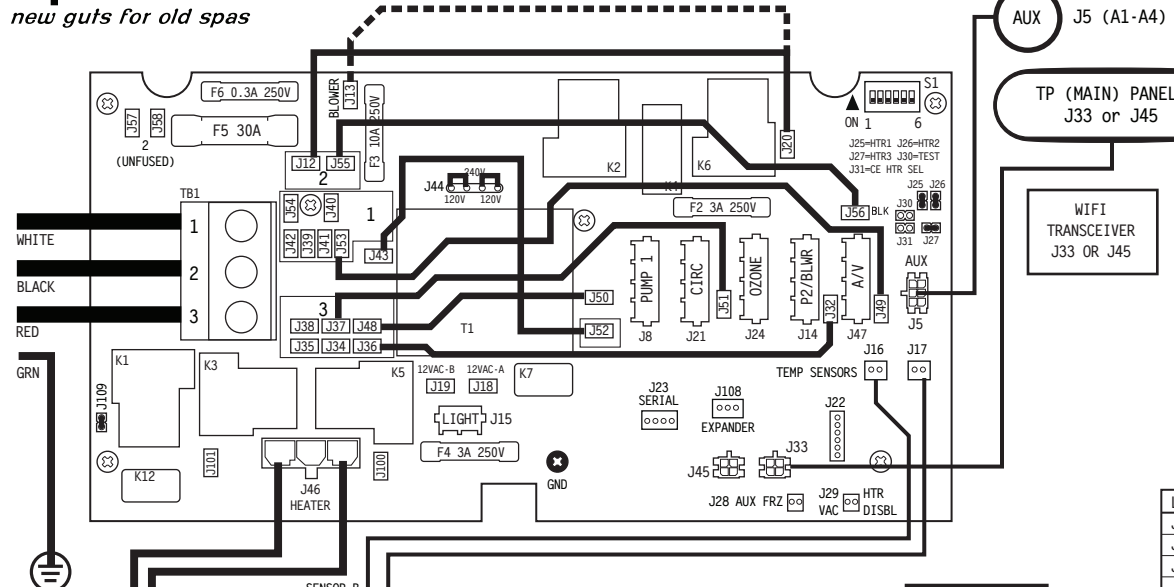
CONNECT ONLY TO CIRCUITS PROTECTED BY A CLASS A GFCI.

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.

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

AUX J5 (A1-A4)  
TP (MAIN) PANELS J33 or J45

WIFI TRANSCEIVER J33 OR J45



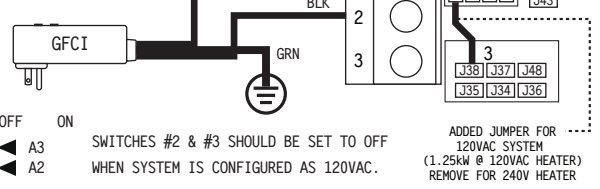
OFF POSITION	S1 SWITCH #	ON POSITION
TEST MODE OFF	1	TEST MODE ON
DON'T ADD 1 HS PUMP W/HTR	2	ADD 1 HS PUMP WITH HEAT
DON'T ADD 2 HS PUMPS W/HTR	3	ADD 2 HS PUMPS WITH HEAT
1 MIN HTR COOLDOWN (ELEC)	4	5 MIN HTR COOLDOWN (GAS)
SPECIAL AMPERAGE RULE OFF	5	SPECIAL AMPERAGE RULE ON
STORE SETTINGS*	6	MEMORY RESET*

\*SWITCH # 6 SHOULD BE SET TO OFF UPON FINAL INSTALLATION. ALL UNUSED SWITCHES SHOULD BE OFF

LOCATION	DEVICE	VOLTS	MAX AMPS	FROM	TO
J8	2/1-SP PUMP 1	240V**	10A MAX	J50	J48-AREA 3
J14	1-SP PUMP 2	240V	10A MAX	J32	J36-AREA 3
J14	BLOWER OPT	240V	4A MAX	J32	J36-AREA 3
J15	SPA LIGHT	10V	1A		
J21	CIRC	240V**	2A MAX		
J24	OZONE	240V**	1A		
	CIRC AND OZONE LINE 1 CONNECTION			J51	J37-AREA 3
J47	TV / AV	120V	2A	J49	J53-AREA 1
J46	HEATER	240V	5.5 kW		

\*\*PUMP 1, CIRC AND OZONE MUST BE WIRED TO 120VAC WHEN SYSTEM IS CONFIGURED WITH 120VAC POWER INPUT/GFCI CORD (SETUPS 5 & 6 ONLY). J50 AND J51 MUST BE CONNECTED TO AREA 1 (NEUTRAL)

### OPTIONAL 120VAC CONFIG FOR SETUP 5 & 6 ONLY:



OFF ON  
A3 SWITCHES #2 & #3 SHOULD BE SET TO OFF  
A2 WHEN SYSTEM IS CONFIGURED AS 120VAC.

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

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

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

SETUP #	CIRC PUMP	PUMP 1	PUMP 2	PUMP 3	BLOWER	TEMP SCALE
1	NONE	2-SPEED	1-SPEED	NONE	NONE	°F
2	FILTERS + POLLING	1-SPEED	1-SPEED	NONE	NONE	°F
3	NONE	2-SPEED	NONE	NONE	1-SPEED	°F
4	FILTERS + POLLING	1-SPEED	NONE	NONE	1-SPEED	°F
5	NONE	2-SPEED	NONE	NONE	NONE	°F
6	FILTERS + POLLING	1-SPEED	NONE	NONE	NONE	°F