

\*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 (WITH SPLITTER) 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

PART A

PART A

SINGLE SERVICE 230V 1p / 1x32A, THREE-SERVICE 230V 3p / 3x16A

LOCATION	DEVICE	MAX AMPS
J9	NETZSTROMVERSORGUNG 2/1-GESCHW. - PUMPE 1 ALIMENTATION POMPE 1 A 2/1 VITESSES 2/1-SPD PUMP 1	12A
J14	2/1-SPD PUMP 2 / BLOWER NETZSTROMVERSORGUNG 2/1-GESCHW. - PUMPE 2 / SPRUIDELGEBLASE ALIMENTATION POMPE 2 A 2/1 VITESSES / VENTILATEUR	12A / 4A
J15	10V BELEUCHTUNG - ECLAIRAGE BAIN HYDRO - SPA LIGHT KREISLAUF PUMPE - POMPE DE CIRCULATION - CIRC PUMP	2A* (Ø10V)
J21	OZONGENERATOR - GENERATOROZONE	2A
J32	TV / AV	0.5A
J44	HEATER	2A 3.0KW

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

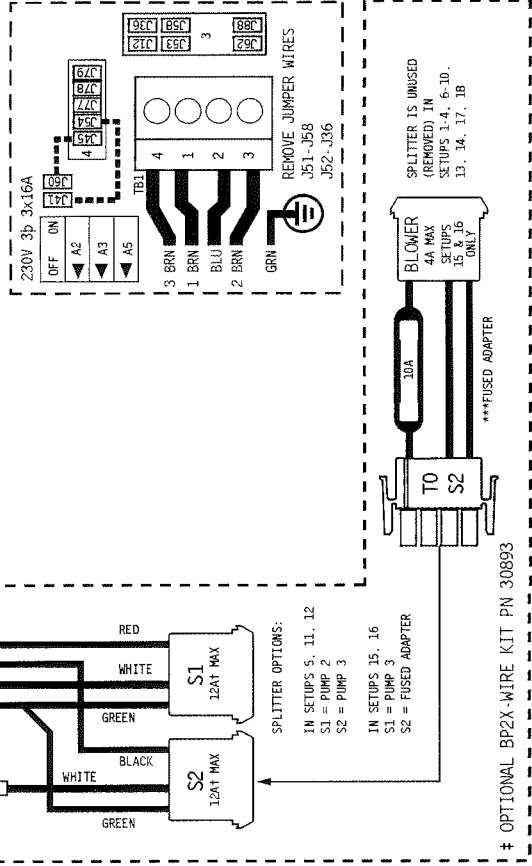
PUMP 1 LOW TIMEOUT IS 15 MINUTES.  
 †SETUPS 5, 11, 12, 15 AND 16 REQUIRE BP2X-WIRE KIT PN30893  
 †††SETUPS 15 AND 16 REQUIRE ADDITIONAL FUSED ADAPTER FOR BLOWER OUTPUT  
 INSTEAD OF SETUP #1,  
 THIS SYSTEM IS CONFIGURED IN SETUP #:

FOR SUPPLY CONNECTIONS,  
 USE CONDUCTORS SIZED ON THE BASIS OF 60°C AMPACITY BUT RATED MINIMUM OF 90°C.  
 USE COPPER CONDUCTORS ONLY.  
 EMPLOYER UNJOUEMENT  
 DES CONDUCTEURS DE CULTURE.  
 TORQUE RANGE FOR MAIN TERMINAL BLOCK (TB1):  
 27-30 IN. LBS.  
 (31.1-34.5 Kg cm)

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 B
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.



† OPTIONAL BP2X-WIRE KIT PN 30893

**BALBOA**  
 water group

BP2100G1 - PN 56390-04  
 11-19-19

PART B