BP200G2 Tech Sheet

| Customer: | Ba | lboa | Water Group |
|---|----------|-------------------------|---|
| Part Number: | 593 | 285-01 869 287-01 | 3.0kW 800 Incoloy 3.0kW 825 Incoloy 2.0kW 800 Incoloy |
| Custom Box Overlay Box Overlay Part Number | □ N/A | A | |
| CE System Model For 2.0K CE System Model For 3.0K Software Version ID: Software Version: File Name: Configuration Signature: | | BP2-BI M100_ 52.0 | P200G2-RCA-2.0KW P200G2-RCA-3.0KW 235 V52.0 _52.0_BP200G2.hex 76C |

Eng. Project Number: 5270

Control Panels (See later pages for more information):

| spaTouch™2 | Any version (version 2.0 or later required for bba™2 fully integrated functionality) |
|------------------|---|
| Icon spaTouch™ | Any version (version 3.36 or later required for bba™2 fully integrated functionality) |
| Menued spaTouch™ | Any version (version 2.8 or later required for bba™2 integrated functionality) |
| TP800 | Version 3.1 and later (Version 3.13 or later required for bba™; version 4.11 or later required for bba™2 integrated functionality) |
| TP600 | Version 2.7 and later (Version 2.12 or later required for bba™/bba™2 On/Off control via menu) |
| TP500 | Any version |
| TP400T CE | Version 2.7 and later (TP400T US should <u>not</u> be used) (Version 2.12 or later required for bba™/bba™2 0n/Off control via menu) |
| TP400W CE | Version 2.7 and later (TP400W US should <u>not</u> be used) (Version 2.12 or later required for bba™/bba™2 On/Off control via menu) |



System Revision History

| Part # | EPN | Date | Originator | Changes Made |
|----------------------|------|----------|------------|--|
| 59285 59287 | 5205 | 05-07-19 | BWG | Generic BP200G2 system, supporting most of the Setups the BP200 board can do with a pump expander board. |
| 59285-01 59287-01 | 5270 | 09-05-19 | BWG | Update software for full TP500 compatibility. |
| " | " | 10-10-19 | BWG | Add line 3 info to 2/3x16A conversion instructions box. |
| 59369 | " | 10-17-19 | BWG | Added new 825 Incoloy system PN. |
| | | | | |
| | | | | |

bba[™] & bba[™]2 (Balboa Bluetooth Amp) connection is documented seperately.

 bba^{m} is integrated into graphic display panels (TP800, TP900 and spaTouch^m). With TP600/TP500/TP400, use the "BT" entry on the menu to toggle bba^{m} power 0n/0ff. $bba^{m}2$ is integrated into graphic display panels (TP800, TP900 and spaTouch^m). With TP600/TP500/TP400, use the "BT" entry on the menu to toggle $bba^{m}2$ power 0n/0ff.



Basic Functions Setup 1 - 4

Power Requirements:

Single Service [3 wires (line, neutral, ground)]
230VAC, 50/60Hz*, 1b, 16A, (Circuit Breaker rating = 20A max.)

Single Service [3 wires (line, neutral, ground)] 230VAC, 50/60Hz*, 1þ, 32A, (Circuit Breaker rating = 40A max.)

2-out-of-3-Service [4 wires (line 1, line 2, <u>no</u> line 3, neutral, ground)] 230VAC line-to-neutral**, 50/60Hz*, 2/3b, 16A, (Circuit Breaker rating = 20A max each phase line.)

NOTE: 2-out-of-Service is simply 3-Service (single common) with one of the three lines unused. The third line could be used for a slave heater if desired, or left for a use not related to the spa at all.

*BP systems automatically detect 50Hz vs 60Hz. However, power frequency (50Hz vs 60Hz) is just one of many differences between North American (UL) and CE power, and it is because of these other differences that different BP systems must be used for UL vs CE territories. Also, there are a few countries that use CE power but 60 Hz (such as South Korea) which need CE systems, and a few countries that use UL power but 50 Hz which need UL systems.

** 3-phase service measured line-to-line will read about 400V, but BP systems do not use it line-to-line.

IMPORTANT - Service must include a neutral wire, with a line to neutral voltage of 230VAC.

2-out-of-3-Service wiring options with Pump 2:

Pump 2 can either be wired to the Heater service or to the Pump 1 service.

If Pump 2 is wired to the Heater service, DIP Switch A8 ON (with other DIO swtiches OFF) makes Pump 2 shut OFF the heater, but lets Pump 1 run along with the Heater.

If Pump 2 is wired to the Pump 1 service, then the heater can always run (with DIP switches A2 and A3 both ON). However, in most cases DIP Switch A5 also has to be ON, which only allows either Pump 1 or Pump 2 (not both) to be at High Speed at the same time. The only case where DIP Switch A5 can be turned OFF is if both pumps are small enough to fit in a single 16A service together with both pumps at High Speed, together with any other equipment such as A/V.

When not using Pump 2, ie in Setups 3 & 4, the heater can run at any time with either of the above DIP swtich settings.

Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending. © Copyright 2009 Balboa Water Group.

BALB A

HiPot Testing Note:

Disconnect slip terminal with green wires from J6 prior to performing HiPot test. Failure to disconnect may cause a false failure of the test. Reconnect terminal to J6 after successful completion of HiPot test.

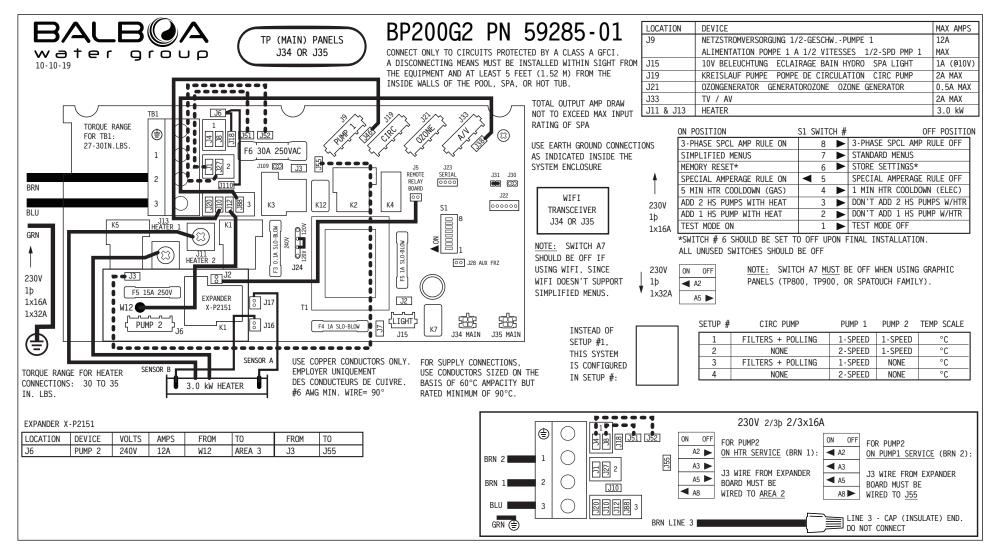
Basic Functions Setup 1 - 4

In Group 3: System Ouputs: Pump 1 230VAC 2-Speed 12A max 15-minute timer for High Speed 30-Minute timer for Low Speed This is the heater pump in Setups 2 & 4. Must deliver 20 GPM through heater 1 Speed in Setups 1 & 3 12A max Pump 2 230VAC 1-Speed 15-minute timer \times Unused in Setups 3 & 4 2A max Programmable Filtration Cycles + Polling Circ Pump 230VAC 1-Speed This is the heater pump in Setups 1 & 3. Must deliver 20 GPM through heater 0zone 230VAC .5A max Slaved to Circ Pump in Circ Setups and to Pump 1 Low in Non-Circ Setups Spa Light 10VAC 0n/0ff 1A max 240-minute timer. A/V (Stereo) 230VAC Hot 2A max Always on 3.0kW @ 240VAC max Heater



Hardware Setup

Wiring Diagram



Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending. © Copyright 2009 Balboa Water Group.



Template 56377 10-05-12

Setup Reference Table

| Setup # | Circ Pump | Pump 1 | Pump 2 | Temp Scale |
|---------|-----------------------------------|---------|---------|------------|
| 1 | Programmable Filtration + Polling | 1-Speed | 1-Speed | °C |
| 2 | None | 2-Speed | 1-Speed | °C |
| 3 | Programmable Filtration + Polling | 1-Speed | None | °C |
| 4 | None | 2-Speed | None | °C |

System (and any replacement board) is shipped in Setup 1

Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending.



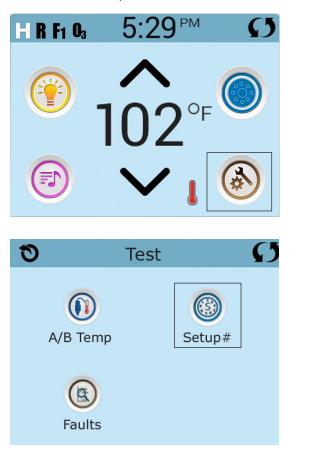
Template 56377 10-05-12

Changing Software Setups with spaTouch™ Icon-Driven Panels

Test Menu Access (S1, Switch 1 ON) Service Technician ONLY. DANGER! HIGH VOLTAGE WILL BE ACCESSIBLE! SERVICE TECHNICIAN ONLY! While the system is running, move DIP Switch 1 (on S1 on the Main circuit board) to ON. The system will enter Test Mode. Moving DIP Switch 1 to OFF will exit Test Mode. 10 **To Change Software Setups:**

While in Test Mode, press the indicated icons to move from screen to screen.

Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending.





Once on the Setup Selection screen, press the Up or Down icon to select the desired Setup Number, then press the Check Mark icon to confirm and to have the spa restart.

ON 🕨

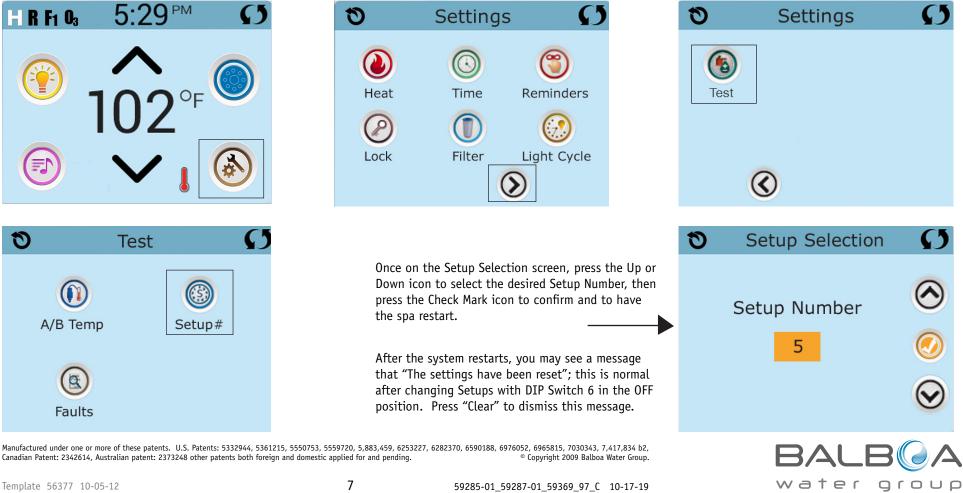
S1

ON

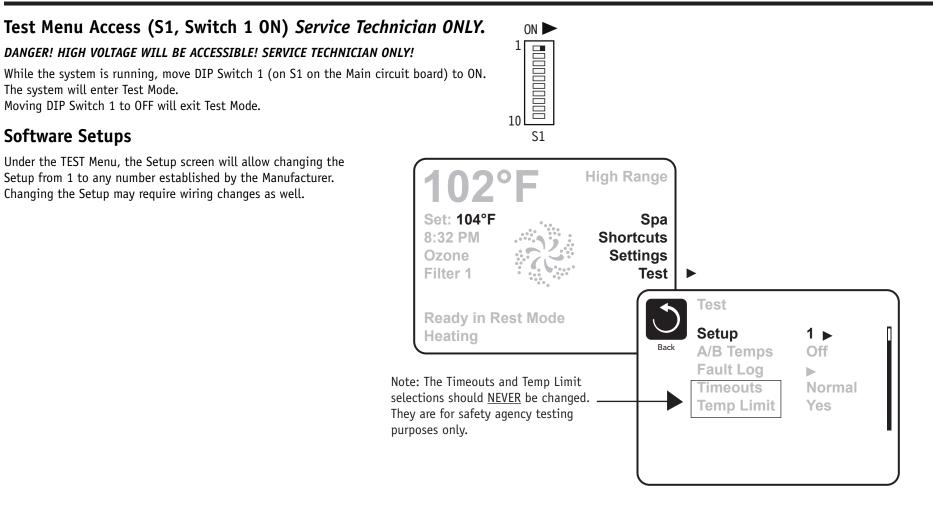
S1

After the system restarts, you may see a message that "The settings have been reset"; this is normal after changing Setups with DIP Switch 6 in the OFF position. Press "Clear" to dismiss this message.

The example screens shown here are from the spaTouch 1 Icon-Driven Panel, but the screens on the spaTouch 2 Panel are similar. The main difference is that the spaTouch 2 display is wider.



Changing Software Setups with TP800 / TP900 / spaTouch™ Menued Panel



Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending.



Template 56377 10-05-12

Changing Software Setups with TP600 / TP500 / TP400

Test Menu Access (S1, Switch 1 ON) Service Technician ONLY.

DANGER! HIGH VOLTAGE WILL BE ACCESSIBLE! SERVICE TECHNICIAN ONLY!

While the system is running, move DIP Switch 1 (on S1 on the Main circuit board) to ON. The system will enter Test Mode. Moving DIP Switch 1 to OFF will exit Test Mode.

Software Setups

Under the TEST Menu, the Setup screen will allow changing the Setup from 1 to any number established by the Manufacturer. Changing the Setup may require wiring changes as well.

You will have 1 minute to complete the setup change after you manually exit Priming Mode. (Once familiar with the process, the Setup change should take less than 15 seconds.)



When the panel displays RUN PMPS PURG AIR, press any Temperature button ONCE to exit Priming Mode. You should see "---T" where the T indicates the system is in Test Mode.



Continued on Next Page.

Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending. © Copyright 2009 Balboa Water Group.



As soon as Switch #1 is placed in the ON position, the temperature will show "T" after it instead of F or C, indicating the System is in Test Mode

Changing Software Setups with TP600 / TP500 / TP400 Continued

Again, You will have 1 minute to complete the setup change after you manually exit Priming Mode.

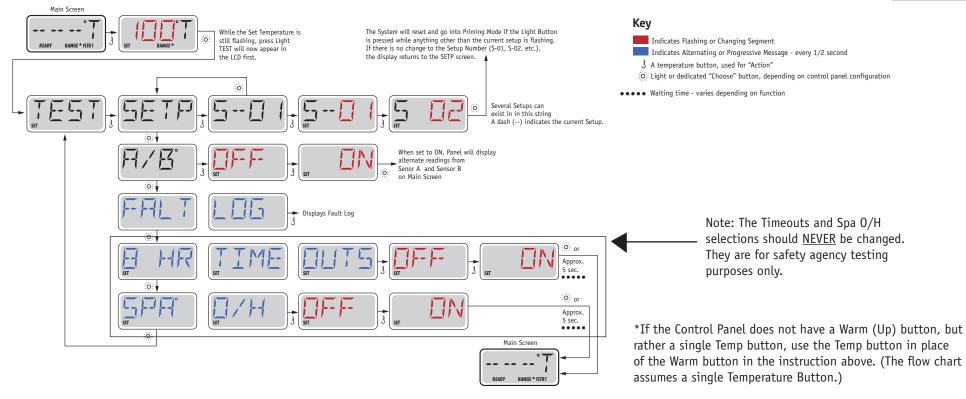
NOTE: WHerever the below says Warm or Temp folowed by Light, on the TP500 press Menu instead of Warm or Temp followed by light. And whenever the chart below says Light, on the TP500 press Menu insead of Light.

Immediately after exiting Priming Mode, press this sequence of buttons: Warm*, Light, Warm, Warm, Warm. Continue to press Warm until the diplay shows the Setup Number (S-01, S-02, etc.) you want to switch to. When the correct setup number is showing, press Light once, and the system will reset, using the newly-selected Setup from that point on.

Move DIP Switch 1 to the OFF position to take the spa out of Test Mode. °F or °C will replace °T.

Using a permanent marker, write the Setup number on the Setup label mounted inside the system lid (right). This is very important to any service person in the future who may need to replace a circuit board or system and needs to change the Setup on a replacement part while in the field.

NOTE: Changing the Setup may require wiring changes as well - refer to the wiring diagram or wiring diagram addendum.



Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending. © Copyright 2009 Balboa Water Group.



THIS SYSTEM IS

CONFIGURED AS

Equipment Expansion

Expansion Features

Control Connection

Relay 1 (J5)

Default 1-Speed Pump 2 Fuse

15A



DIP Switch Functions

Fixed-fuction DIP Switches

| • | I 0 |
|---|------------|
| | S1 |

- A1 Test Mode (normally Off).
- A2 In "ON" position, add one high-speed pump (or blower) with Heater.
- A3 In "ON" position, add two high-speed pumps (or 1 HS Pump and Blower) with Heater.
- A5 In "ON" position, enables Special Amperage Rule B. See Special Features section under Configuration Options for functionality with your system. In "OFF" position, enables Special Amperage Rule A.
- A6 Persistent memory reset (Used when the spa is powering up to restore factory settings as determined by software configuration).

A2 and A3 work in combination to determine the number of high-speed devices and blowers that can run before the heat is disabled. i.e. A2 and A3 in the ON position will allow the heater to operate with up to 3 high-speed pumps (or two HS Pumps and Blower) running at the same time. Heat is disabled when the fourth high-speed pump or blower is turned on.

Note: A2/A3 all off = No heat with any high-speed pump or blower.

Assignable DIP Switches

| A4 | In "ON" position, enables a 5-minute cooldown for some gas heaters (Cooling Time B). In "OFF" position, enables a 1-minute cooldown for electric heaters (Cooling Time A). |
|----|--|
| A7 | In "ON" position, Simplified Menus on TP400/TP500/TP600. <u>Do not</u> use graphic panels (TP800, TP900, or spaTouch™ family) with Simplified Menus. In "OFF" position, Regular Menus on TP400/TP500/TP600. This setting is compatible with all panels. |
| A8 | In "ON" position, 3-Phase Special Amperage Rule is enabled. In "OFF" position, 3-Phase Special Amperage Rule is disabled. |

Undesignated switches are not assigned a function.



Jumper Definitions

| J109 | Non Applicable on CE models | | | J109 🖸 |
|------|--|--|-----|----------------|
| J30 | Do Not Use | | | |
| J31 | Jumper on 1 pin with 2.0kW or smaller heater Jumper on 2 pins with a 3.0kW or higher heater | Jumper setting varies by system model | J31 | for 2kW models |
| | | which is shown to the right of the jumper. | J31 | for 3kW models |

J44 Jumper must be on center two pins (240V) for CE Systems.



Warning!

Setting DIP switches or jumpers incorrectly may cause abnormal system behavior and/or damage to system components.

Refer to Switchbank illustration on Wiring Configuration page for correct settings for this system.

Contact Balboa if you require additional configuration pages added to this tech sheet.

Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending.



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59285-01_59287-01_59369_97_C 10-17-19

Replacement Parts

| PCBA: Main PCBA: | | 59286-01 3.0 59288-01 2.0 | | | | | |
|---------------------|----------|--|----------------------|--|--|--|--|
| Expander PCBA: | | 59233 | | | | | |
| HEATER(s): | | | | | | | |
| Heater: | | 58419 3.0kW | 800 Inc | | | | |
| | | 58450 3.0kW | | | | | |
| | | 58427 2.0kW 800 Inc | | | | | |
| Temp Sensor Kit: | | 30344KIT 12-inch sensor 30382KIT 24-inch sensor | | | | | |
| | | 30382K11 24 | -inch sensor | | | | |
| CABLES: | | N/A | | | | | |
| FUSES: | | | | | | | |
| Part Number | Amperage | | Location | | | | |
| 30136 | 30A | | F6 | | | | |
| 26983 | 1A | | F4, F5 on main board | | | | |
| 24514 | 0.1A SL0 | F3 | | | | | |
| 24517 | 15A | F5 on expander | | | | | |



| General Features | | |
|------------------------------------|--------------------------|--|
| Feature | Default | |
| Pump 1 in Filter Cycle (Circ Only) | No | |
| Pump 1 Low Timer | 30 Minutes | Applies in non-circ Setups (configurations) only |
| General Pump Timer | 15 Minutes | |
| Blower Timer | 15 Minutes | |
| Mister Timer | 15 Minutes | |
| Light Timer | 240 Minutes | |
| Circ (when enabled) | Programmable + Polling | |
| Cleanup Cycle | 30 Minutes | |
| Cleanup as Preference setting | Yes | |
| Ozone | With Heater Pump* | |
| Ozone Suppression | OFF | |
| Pump Purge | 60 Seconds | |
| Blower Purge | 30 Seconds | |
| Mister Purge | 5 Seconds | |
| Purge Type | Serial - Pumps at lowest | : speed |

* The heater Pump can be either a Circ Pump or Pump 1 Low.

Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending.



Template 56377 10-05-12

Temperature Features

| Feat | ure | | | Def |
|------|-----|------------|--|-----|
| - | | . . | | |

Default

Temperature Display

°C

All temperatures must be specified in °F. The system converts °F to °C dynamically. If Celsius is required for default settings, choose a desired °C value that (after rounding) corresponds to a Fahrenheit value.

| °C | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | <i>16</i> | 17 | 18 | 1 9 | 20 | 21 | 22 |
|-------|--------|--------|--------|-----|----|----|----|-------|--------|--------|--------|-------|-----------|----|----|------------|-----|-----|----|
| °F | 39 | 41 | 43 | 45 | 46 | 48 | 50 | 52 | 54 | 55 | 57 | 59 | 61 | 63 | 64 | 66 | 68 | 70 | 72 |
| °C | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | |
| °F | 73 | 75 | 77 | 79 | 81 | 82 | 84 | 86 | 88 | 90 | 91 | 93 | 95 | 97 | 99 | 100 | 102 | 104 | |
| | | | | | | | | | | | | | | | | | | | |
| Hi-Ra | nge N | 1in.S | et Ter | mp | | | | 80°F | | | | | | | | | | | |
| Hi-Ra | nge N | 1ax. S | et Te | mp | | | | 104° | F | | | | | | | | | | |
| Hi-Ra | nge [| Defaul | t Tem | ıp* | | | | 100° | F | | | | | | | | | | |
| Lo-Ra | nge I | 4in.S | et Tei | mp | | | | 50°F | | | | | | | | | | | |
| Lo-Ra | nge I | Max. S | Set Te | mp | | | | 99°F | | | | | | | | | | | |
| Lo-Ra | nge [| Defaul | t Tem | ıp* | | | | 70°F | | | | | | | | | | | |
| Freez | e Thre | esholo | ł | | | | | 44°F | in Se | tups 1 | & 2 | | | | | | | | |
| Freez | е Тур | e | | | | | | Rotat | ting - | Pump | s at L | owest | Spee | d | | | | | |
| Temp | Lock | Туре | | | | | | Temp | + Set | tings | | | | | | | | | |

*May be changed by end-user (if enabled)



e 1.

Time Features

| Default |
|-----------------|
| 24 Hour |
| 20-00 (0-00 DM) |
| 20:00 (8:00 PM) |
| 2 Hours |
| |
| OFF |
| 08:00 (8:00 AM) |
| 15 Minutes |
| |
| Disabled |
| OFF |
| 21:00 (9:00 PM) |
| 15 Minutes |
| |
| 1 Minute |
| 5 Minutes |
| |

*May be changed by end-user (if enabled)

Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending. © Copyright 2009 Balboa Water Group.



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Reminder Features

| Feature | Default |
|------------------|----------|
| Reminders Shown* | Yes |
| Check pH | OFF |
| Check Sanitizer | OFF |
| Clean Filter | 30 Days |
| Test GFCI | OFF |
| Drain Water | 100 Days |
| Change Cartridge | OFF |
| Clean Cover | OFF |
| Treat Wood | OFF |
| Change Filter | 365 Days |

*May be changed by end-user (if enabled)



| Special Features | |
|-------------------------------|---|
| Feature | Default |
| Special Amperage Rule A | No Limitation |
| Special Amperage Rule B | 1 Pump at High Speed maximum |
| 3-Phase Special Amperage Rule | Pumps in Group 3 (ie, Pump 2) are the only ones which turn the Heater Off Pumps not in Group 3 (ie, Pump 1) do not turn the Heater OFF |
| Drain Mode | Disabled |
| Demo Mode | Disabled |
| GFCI Trip | Not Applicable for CE Models |
| Automatic GFCI Test | Disabled |
| Ozone Slaved to Heater Pump | Yes |
| Dual Voltage Heater | Always Input Voltage |
| Safety Suction | Disabled |
| Menu Style | Standard Menus when DIP switch A7 is OFF. Simplified Menus when DIP switch A7 is ON |



TP900 Panel Configuration

Button Layout Table

| Button # | Setup 1 | Setup 2 | Setup 3 | Setup 4 | Spa Screen |
|-------------|-------------|-----------|-------------|-----------|------------------|
| 1 | N/A | N/A | N/A | N/A | |
| 2 | Jets 1 | Jets 1 | Jets 1 | Jets 1 | |
| 3 | Jets 2 | Jets 2 | Light | Light | |
| 4 | Light | Light | Invert | Invert | |
| 5 | Invert | Invert | (Circ Icon) | Undefined | |
| 6 | (Circ Icon) | Undefined | Undefined | Undefined | |
| 7 | Undefined | Undefined | Undefined | Undefined | |
| 8 | Undefined | Undefined | Undefined | Undefined | |
| 9 | Undefined | Undefined | Undefined | Undefined | |
| 10 | Undefined | Undefined | Undefined | Undefined | |
| 11 | N/A | N/A | N/A | N/A | Shortcuts Screen |
| 12 | N/A | N/A | N/A | N/A | |
| 13 | Jets 1 | Jets 1 | Jets 1 | Jets 1 | |
| 14 | Jets 2 | Jets 2 | Undefined | Undefined | |
| 15 | Light | Light | Light | Light | |
| 16 | Invert | Invert | Invert | Invert | |

A Circ Icon will appear when a Circ Pump is configured

Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending.



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TP800 Panel Configuration

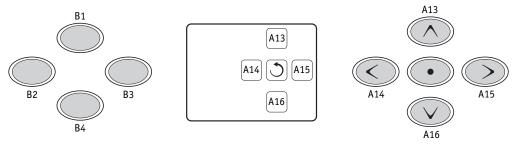
Button Layout Table

| Feature # | Setup 1 | Setup 2 | Setup 3 | Setup 4 |
|--------------|-------------|-----------|-------------|-----------|
| A1 | N/A | N/A | N/A | N/A |
| A2 | Jets 1 | Jets 1 | Jets 1 | Jets 1 |
| A3 | Jets 2 | Jets 2 | Light 1 | Light 1 |
| A4 | Light | Light | Invert | Invert |
| A5 | Invert | Invert | (Circ Icon) | Undefined |
| A6 | (Circ Icon) | Undefined | Undefined | Undefined |
| A7 | Undefined | Undefined | Undefined | Undefined |
| A8 | Undefined | Undefined | Undefined | Undefined |
| A9 | Undefined | Undefined | Undefined | Undefined |
| A10 | Undefined | Undefined | Undefined | Undefined |
| A11 | N/A | N/A | N/A | N/A |
| A12 | N/A | N/A | N/A | N/A |
| A13 | Undefined | Undefined | Undefined | Undefined |
| A14 | Undefined | Undefined | Undefined | Undefined |
| A15 | Undefined | Undefined | Undefined | Undefined |
| A16 | Undefined | Undefined | Undefined | Undefined |
| B1 | Jets 1 | Jets 1 | Jets 1 | Jets 1 |
| B2 | Jets 2 | Jets 2 | Undefined | Undefined |
| B3 | Undefined | Undefined | Undefined | Undefined |
| B4 | Light 1 | Light 1 | Light 1 | Light 1 |

BALB A

TP800 Panel Configuration

Shortcuts Screen



Note: Buttons 11 and 12 are not used in this configuration.

Button 1 is fixed.



TP600 Panel Configuration

Button Layout Table

| Button # | | | |
|-------------|---------|---------------|--|
| 1 | Jets 1 | Jets 1 | |
| 2 | Jets 2 | Undefined | |
| 3 | Invert | Invert | |
| 4 | Up | Up | |
| 5 | Light 1 | Light 1 | |
| 6 | Down | Down | |
| LED 1 | Jets 1 | Jets 1 | |
| LED 2 | Jets 2 | s 2 Undefined | |
| LED 3 | Light 1 | Light 1 | |
| LED 4 | Heat On | Heat On | |



TP600 55676-XX No Overlay



TP400 Panel Configuration

Button Layout Table for TP400T

| Button # | | | |
|-------------|-------------|-------------|--|
| 1 | Temperature | Temperature | |
| 2 | Jets 1 | Jets 1 | |
| 3 | Light 1 | Light 1 | |
| 4 | Jets 2 | Undefined | |
| LED 1 | Heater ON | Heater ON | |
| LED 2 | Jets 1 ON | Jets 1 ON | |
| LED 3 | Light ON | Light ON | |
| LED 4 | Jets 2 | Undefined | |

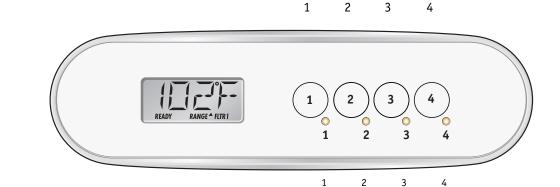
Button Layout Table for TP400W

| Button # | All Setups |
|-------------|------------|
| 1 | Up |
| 2 | Down |
| 3 | Light 1 |
| 4 | Jets 1 |
| LED 1 | Heater ON |
| LED 2 | Undefined |
| LED 3 | Light ON |
| LED 4 | Jets 1 ON |

TP400W is supported in Setups 3 & 4 only.

TP400W CE

50259-XX Includes overlay PN 12510.



TP400T CE

50260-XX Includes overlay PN 12511.

