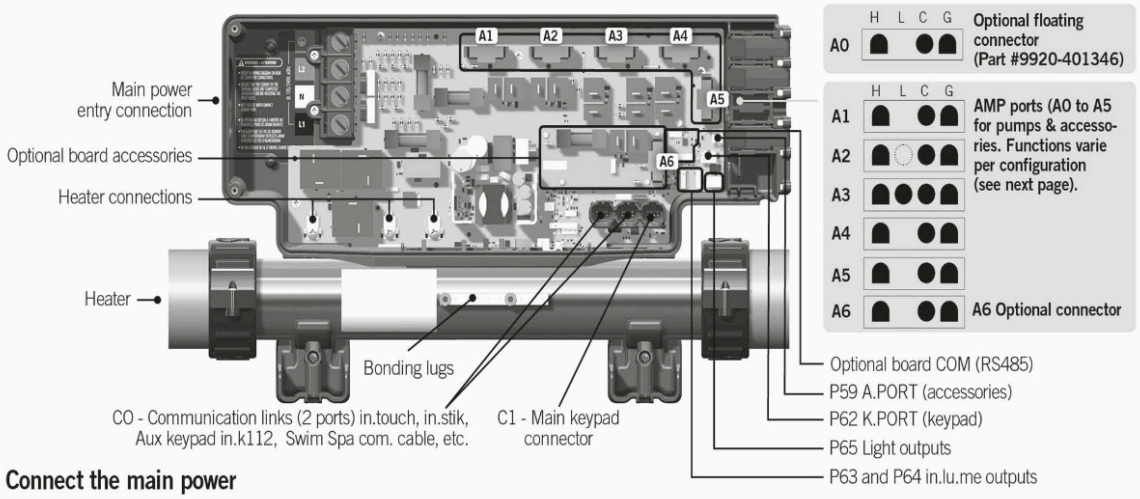
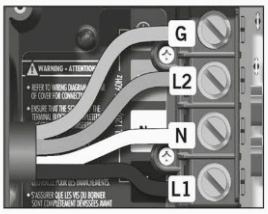
Quick Start Card
in.ye-6™ North American version

1- Connect all outputs & keypads



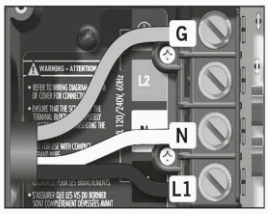
2- Connect the main power

2.a- Electrical wiring



For 240 V (4 wires)

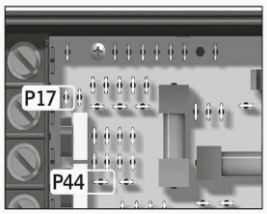
Connect wiring of the electrical service box GFCI. Neutral wire is mandatory.



For 120 V (*3 wires)

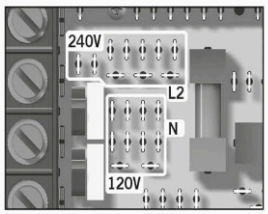
* If connected to a 3 wire system, any 240 V components will not work.

2.b- Heater & pump/accessories voltage



Heater voltage

Verify BROWN common wire connection to tab:
P17 - 240 V
P44 - 120 V

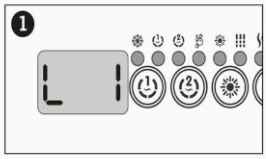


Pumps & accessories voltage

Verify each WHITE common wire connection to tab:
N - 120 V
L2 - 240 V pump/acc.

WARNING! All connections must be made by a qualified electrician in accordance with the national electrical code and any state, provincial or local electrical code in effect at the time of the installation. This product must always be connected to circuit protected by a Ground Fault Circuit Interrupter (GFCI).

3- Select spa configuration (if prompt on startup)



At first startup the keypad display will show **Lx** or **LLx,** where « x » representing the config. number. Some spa packs come with a pre-selected config. and you may skip this step if your system automatically starts up[1].



Use the **Up/Down** key to choose the new low level configuration number.



Press the **Program**[2] key to confirm the selection.

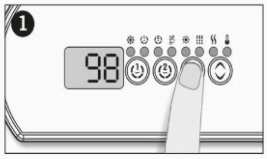
For more information, see our website: www.geckoalliance.com

[1] **Note: To re-enter the low level selection menu, hold the Pump 1 key for 30 seconds.**

Note: For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose the appropriate Low level.

[2] **Note: If the keypad does not have a Program or Filter key, use the Light key instead.**

4- Select breaker current



Press and hold the **Program** key for 20 seconds until you access the breaker setting menu.

Note: For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose Input current.



The values displayed by the system correspond to **80%** of the maximum amperage capacity of the GFCI.

For more information, see our website: www.geckoalliance.com

GFCI	b
60 A	48 A
50 A	40 A
40 A	32 A
30 A	24 A
20 A	16 A
15 A	12 A

(10 to 20 A dedicated to 120 V)



Use the **Up/Down** key to select the desired value. Then press the **Program** key to confirm the selection.

Note: If the keypad does not have the **Program** or **Filter** key, use the **Light** key instead.

Configuration selection chart

Configuration selection chart. Software #764, rev. 004

QSC Software #764
REV 004

Config #	Pump 1	Pump 2	Pump 3	Blower	Direct	Circ. Pump (CP)	Ozone (O3)	Filter cycle daily	Heater	Max set point
1	P1-2SP (A3) 12A-4A	–	–	–	Direct (A5) 0A	–	O3 On when filtering with P1 (A1) 0A	2 x 2 hours with P1	4kW with P1	104°F 40°C
2	P1-2SP (A3) 12A-4A	P2-1SP (A1) 10A	–	–	Direct (A5) 0A	–	O3* On when filtering with CP	2 x 2 hours with P1	4kW with P1	104°F 40°C
3	P1-2SP (A3) 12A-4A	–	–	BL (A1) 8A	Direct (A5) 0A	–	O3* On when filtering with CP	2 x 2 hours with P1	4kW with P1	104°F 40°C
4	P1-2SP (A3) 12A-4A	–	–	–	Direct (A5) 0A	CP On when filtering (A1) 1A	O3* On when filtering with CP	2 x 6 hours with CP	4kW with CP	104°F 40°C
5	P1-2SP (A3) 12A-4A	P2-1SP (A1) 10A	–	–	Direct (A5) 1A	CP Always on (A5) 1A	O3* On when filtering with CP	Purge only with CP	4kW with CP	104°F 40°C
6	P1-2SP (A3) 12A-4A	–	–	BL (A1) 8A	Direct (A5) 1A	CP Always on (A5) 1A	O3* On when filtering with CP	Purge only with CP	4kW with CP	104°F 40°C
7	P1-1SP (A3) 12A	–	–	–	Direct (A5) 0A	CP On when filtering (A1) 1A	O3 On when filtering with CP (A2) 0A	2 x 6 hours with CP	4kW with CP	104°F 40°C
8	P1-1SP (A3) 12A	P2-1SP (A2) 10A	–	–	Direct (A5) 0A	CP On when filtering (A1) 1A	O3* On when filtering with CP	2 x 6 hours with CP	4kW with CP	104°F 40°C
9	P1-1SP (A3) 12A	–	–	BL (A2) 8A	Direct (A5) 0A	CP On when filtering (A1) 1A	O3* On when filtering with CP	2 x 6 hours with CP	4kW with CP	104°F 40°C
10	P1-1SP (A3) 12A	P2-1SP (A2) 10A	P3-1SP (A1) 8A	–	Direct (A5) 1A	CP Always on (A5) 1A	O3* On when filtering with CP	Purge only with CP	4kW with CP	104°F 40°C
11	P1-1SP (A3) 12A	P2-1SP (A2) 10A	–	BL (A1) 8A	Direct (A5) 1A	CP Always on (A5) 1A	O3* On when filtering with CP	Purge only with CP	4kW with CP	104°F 40°C
12	P1-1SP (A3) 12A	–	–	–	Direct (A5) 0A	–	O3 On when filtering with P1 (A1) 0A	2 x 2 hours with P1	4kW with P1	104°F 40°C
14	P1-VSP1 (A3) 11A	P2-VSP2 (A2) 11A	–	–	Direct (A5) 1A	–	O3 On when filtering with P1-VSP1 5% (A1) 0A	2 x 2 hours with P1-VSP1 5%	4kW with P1-VSP1 5%	104°F 40°C
15	P1-VSP1 (A3) 11A	P2-VSP2 (A2) 11A	–	–	Direct (A5) 1A	–	O3 On when filtering with P1-VSP1 10% (A1) 0A	2 x 2 hours with P1-VSP1 10%	4kW with P1-VSP1 10%	104°F 40°C
16	P1-VSP1 (A3) 11A	P2-VSP2 (A2) 11A	–	–	Direct (A5) 1A	–	O3 On when filtering with P1-VSP1 15% (A1) 0A	2 x 2 hours with P1-VSP1 15%	4kW with P1-VSP1 15%	104°F 40°C

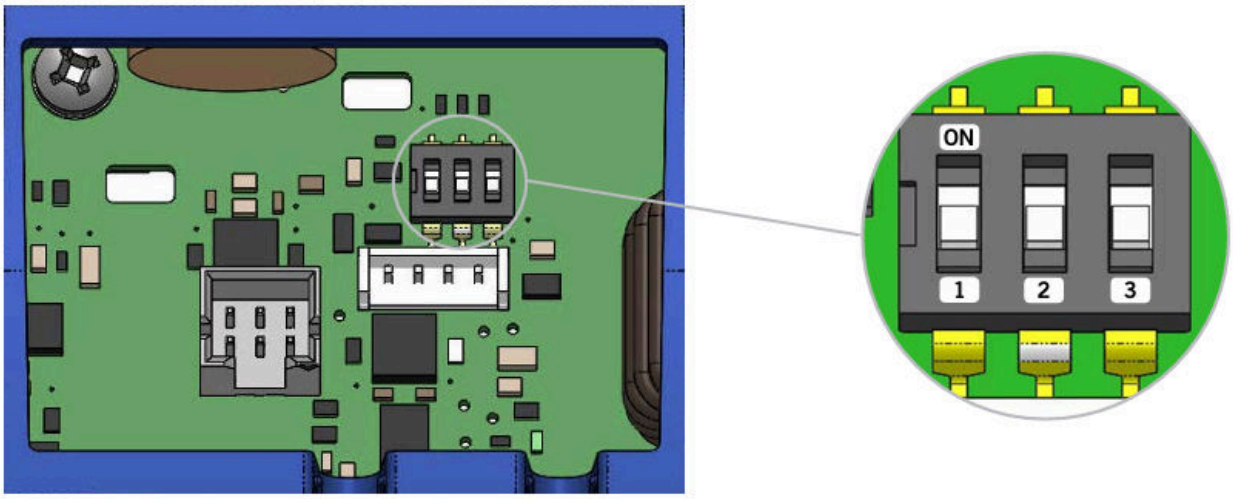
* Ozone connect directly with associated pump.

Variable Speed Pump Address Configuration

DIP switch settings for VSP1 to VSP5

Configuring pump address using DIP switches

Each pump requires a software address to be configured to match the hot tub control system configuration. This address is configured via a DIP switch module mounted on the board.



The module has three switches, labeled 1, 2 and 3 on the module. Each switch can be either in the “on” or “off” position. Each VMS address is encoded in binary format from those positions. Refer to the following table to set the switches to the correct position for a given address. If your setup consists of a single VMS pump, the DIP switches should be set to the “VMS 1” configuration in the table.

Configuration	Switch 1	Switch 2	Switch 3
VMS 1	ON	**OFF**	**OFF**
VMS 2	**OFF**	ON	**OFF**
VMS 3	ON	ON	**OFF**
VMS 4	**OFF**	**OFF**	ON
VMS 5	ON	**OFF**	ON