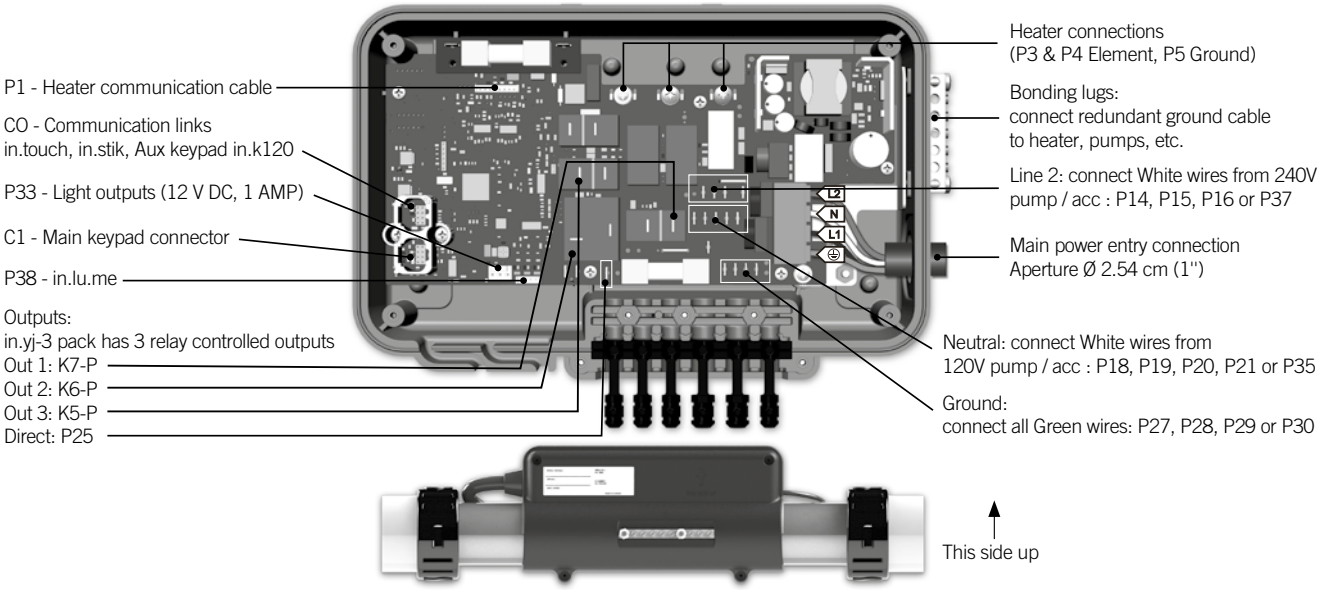
# Quick Start Card

## in.yj-3-V3™ North American version

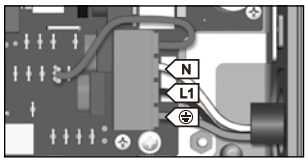
## 1- Connect all outputs & keypads




68,1 L/min (18 GPM) minimum water flow required.

## 2- Connect the main power

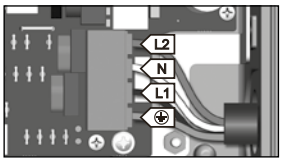
### 2.a- Electrical wiring




**120 V (3 wires)**

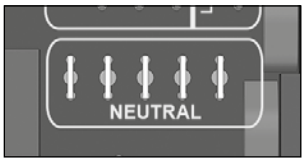
DO NOT REMOVE THE BROWN WIRE. Insert each wire into the appropriate socket of the main terminal block according to the color code indicated on the sticker. Use a flat screwdriver to tighten the screws on the terminal.

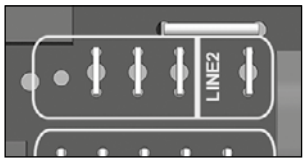
### 2.b- Pump & accessory voltage




**240 V (4 wires)**

Remove and discard brown wire and insert each wire into the appropriate socket of the main terminal block according to the color code indicated on the sticker. Use a flat screwdriver to tighten the screws on the terminal.

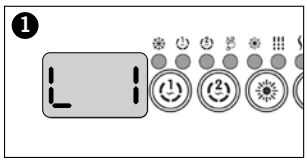


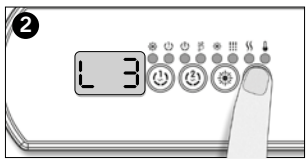

Look at the pump and accessory voltage requirement and make sure to connect each WHITE common wire to the correct tab on the board: Use any neutral tab for 120 V or use any LINE2 tab for 240 V

**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).

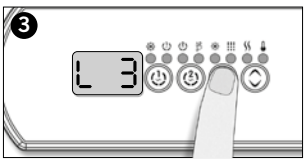
## 3- Select spa configuration (see back page)




At first startup the keypad display will show **L 1** or **LL 1**.




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




Press the **Program** key to confirm the selection.

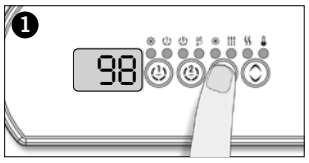
**For more information, see our website: www.geckoalliance.com**

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

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

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

## 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.

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**Breaker setting for GFCI used.**

| GFCI | b |
|---|---|
| 50 A | 40 A |
| 40 A | 32 A |
| 30 A | 24 A |
| 20 A | 16 A |
| 15 A | 12 A |

*(10 to 20A is only to be use with 120V input)*




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

### Software #431, rev. 002

Information between ( ) indicates which connector/tab to use. See drawing from Step 1 for connector position.

| Standard config. # | Pump 1 | Pump 2 | Blower | Circ. Pump (CP) configuration | Ozone (O3) configuration | Filter cycle daily | Heater |
|---|---|---|---|---|---|---|---|
| 1 | **2SP** (K7-P, K6-P) *10A-3A* | _ | _ | _ | **During filter cycle, with P1** (K5-P) | **2 * 1 hour** with P1 | Pump 1 |
| 2 | **1SP** (K7-P) *4A* | _ | _ | _ | **During filter cycle, with P1** (K6-P) | **2 * 1 hour** with P1 | Pump 1 |
| 3 | **1SP** (K7-P) *4A* | **1SP** (K6-P) *8A* | _ | _ | **During filter cycle, with P1** (K5-P) | **2 * 1 hour** with P1 | Pump 1 |
| 4 | **1SP** (K7-P) *10A* | _ | _ | **During filter cycle** (K6-P) *1A* | **During filter cycle, with CP** (K5-P) | **2 * 6 hour** with CP | CP |
| 5 | **2SP** (K7-P, K6-P) *10A-3A* | _ | _ | **During filter cycle** (K5-P) *1A* | _ | **2 * 6 hour** with CP | CP |
| 6 | **1SP** (K7-P) *10A* | **1SP** (K5-P) *8A* | _ | **During filter cycle** (K6-P) *1A* | _ | **2 * 6 hour** with CP | CP |
| 7 | **1SP** (K7-P) *10A* | _ | _ | **During filter cycle** (K5-P) *1A* | **During filter cycle, with CP** (K6-P) | **2 * 6 hour** with CP | CP |
| 8 | **2SP** (K7-P, K6-P) *10A-3A* | **1SP** (K5-P) *8A* | _ | _ | _ | **2 * 1 hour** with P1 | Pump 1 |
| 9 | **2SP** (K7-P, K6-P) *10A-3A* | _ | **X** (K5-P) 4A | _ | _ | **2 * 1 hour** with P1 | Pump 1 |
| 10 | **2SP** (K7-P, K6-P) *10A-3A* | **1SP** (K5-P) *8A* | _ | **Always on** (P25)[1] 1A | _ | 2 * day purge | CP |
| 11 | **2SP** (K7-P, K6-P) *10A-3A* | _ | **X** (K5-P) 4A | **Always on** (P25)[1] 1A | _ | 2 * day purge | CP |

**Note [1]:** Circulation pump is not controled via a relay and will run 24/7. Circulation pumps must provide at least 68,1 L/min (18 GPM) without creating kinetic heating of the water (Gecko recommends using the Aqua-Flo Circ-Master - 1/15 HP).

### Glossary

| | |
|---|---|
| **X** | Installed |
| **1SP** | High speed only |
| **2SP** | High and low speed |
| *10A, 10A-3A* | Output current: single speed (1SP) or dual speed High-Low (2SP) |

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

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