Quick Start Card
in.yj-2™ North American version

1- Connect all outputs & keypads

P1 - Heater communication cable

P33 - Light outputs
(12 V DC, 500 mA Max.)

CO - Communication links
in.touch, in.stik, Aux keypad in.k12

C1 - Main keypad
connector

Outputs:
in.yj-2 pack has 2 relay controlled outputs
Out 1: K7-P
Out 2: K6-P
Direct: P25

Heater connections
(P3 & P4 Element, P5 Ground)

Bonding lugs:
connect redundant
ground cable to
heater, pumps, etc.

Main power
entry connection
Aperture Ø 2.54 cm (1'')

Line 2: connect White wires from 240V
pump / acc : P14, P15, P16 or P37

Neutral: connect White wires from 120V pump
/ acc : P18, P19, P20 or P35

Ground:
connect all Green wires: P27, P28, P29 or P30

This side up

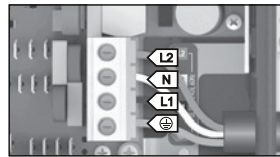75 L/min (20 GPM) minimum water flow required.

2- Connect the main power

2.a- Electrical wiring
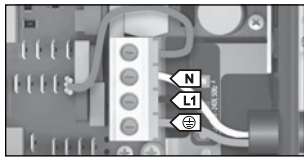
120 V (3 wires)

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 ac-
cording to the color code indicated on
the sticker. Use a flat screwdriver to
tighten the screws on the terminal.
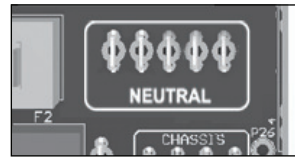
Look at the pump and accessory voltage requirement and make sure to connect
each WHITE common wire to the correct tab on the board: Use any neutral tab for
120 V or use any LINE2 tab for 240 V

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 chart next page)

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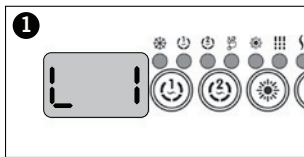
At first startup the keypad display
will show **L 1** or **LL 1**.

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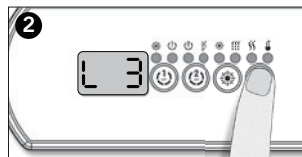
Use the **Up/Down** key to choose the
new Low level configuration number.

❸

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

❶

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 **Electri-
cal config** and choose Input current.

❷

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**

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)*

❸

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 #316, rev. 001

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

Standard config. #	Pump 1	Pump 2	Circ. Pump (CP) configuration	Ozone (O3) configuration	Filter cycle daily	Heater
1	**2SP** (K7-P, K6-P) *10A-3A*	–	–	–	**2 * 1 hour** with P1	Pump 1
2	**1SP** (K7-P) *4A*	–	–	**X** (K6-P)	**2 * 1 hour** with P1	Pump 1
3	**1SP** (K7-P) *4A*	**1SP** (K6-P) *8A*	–	–	**2 * 1 hour** with P1	Pump 1
4	**1SP** (K7-P) *10A*	–	**X** (K6-P) *2A*	–	**2 * 6 hour** with CP	CP
5	**2SP** (K7-P, K6-P) *10A-3A*	–	**Always on** (P-25)* *2A*	–	2 * day purge	CP

* Circulation pump is not controled via a relay and will run 24/7. Circulation pumps must provide at least 75 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: 1 speed or High-Low speed

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

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