in.yj-V3

Small package, zero compromise!

Our in.yj-V3 is a lot more than the perfect system for any small footprint spa.

A lot more in the same small box

It's well known that the best-selling in.yj-V3 is the nicest control system for small footprint spas. But the temptation to muscle it up and make it the best thereis proved irresistible. With its boosted CPU, more memory and higher capacity relays, in.yj-V3 now has the power it needs for new features… like an updated FLO circuit, LED lights for troubleshooting clues and dual phase CE configuration so it can be used anywhere in the world.

Relaxation in full colors with in.mix integration

With a light output capacity increased to 1A and the integration of the in.mix 300 color system on the main board, new in.lu.me cables and LED lights can be connected directly to the in.yj-V3 box with full color control directly from the keypad.

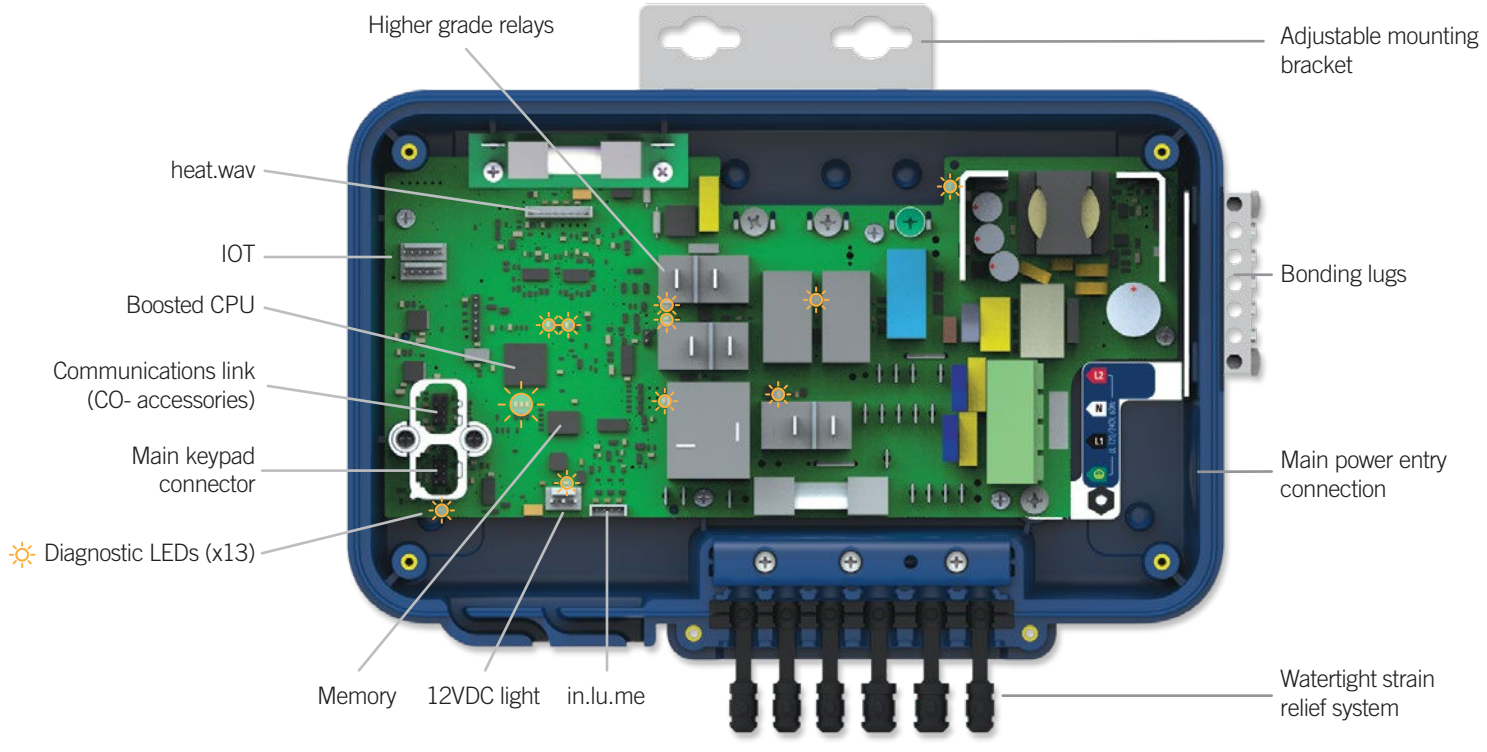
Modular and flexible

The in.yj-V3 is a modular control system that separates the control pack from the heating element, which improves integration in tight spaces. The in.yj-V3 should be paired with heat.wav heaters. Simply choose the appropriate heating power (four levels available) to fit the requirements of your hot tub model.

GECKO®

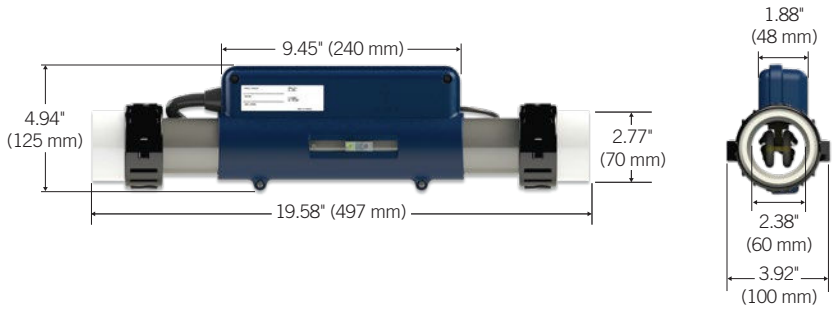
in.yj-V3

small package, zero compromise



in.yj dimensions

heat.wav dimensions

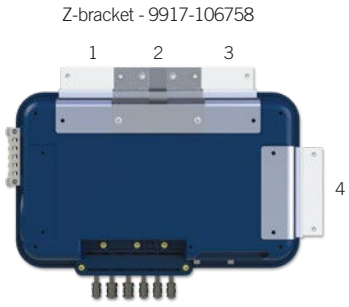


in.yj installation

Wall mount bracket - 9917-102121

5 possible positions for the bracket

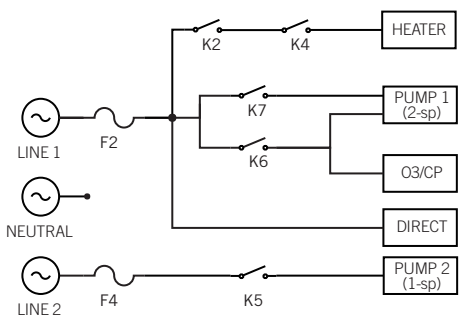
Z-bracket - 9917-106758



4 possible positions for the bracket

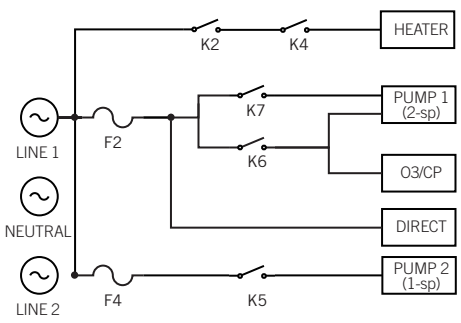
Dual-phase system configuration

in.yj European and international (CE/AS/NZS)
Heater, P1 (2sp), O3/CP, Direct on L1, P2 (1sp) on L2



System configuration

in.yj3 North American



in.yj specs

Model:
- in.yj-2-V3: 2 outputs
- in.yj-3-V3: 3 outputs

Environmental:
- Operating temperature: 32˚F (0˚C) to 140˚F (60˚C)
- Storage temperature: -13°F (-25°C) to 185°F (85°C)
- Humidity: up to 85% RH, non condensing
- Level of waterproofing: IPx5 for CE/AS/NZS & CSA Enclosure #2

Mechanical:

in.yj
- Dimensions: (W x H x D) 12.08" x 7.38" x 3.74" (307 x 187 x 95 mm)
- Weight: 3.1 lb (1.41 kg)

heat.wav
- Dimensions: (W x H x D) 19.58" x 4.94" x 3.92" (497 x 125 x 100 mm)
- Weight: 4.65 lb (2.1 kg)

in.yj North American electrical specifications*1

Input rating (in.yj-3):
- 120/240 V nominal (+5/-10%), 60 Hz (2 lines required with neutral) 40 A Max.

heat.wav rating:
- Voltage: 120 or 240 V, 60 Hz
- Wattage: 4 kW at 240 V, 1 kW at 120 V
- Flow rate: Minimum of 18 GPM (68,1 LPM) is required

North American standards:
- UL 1563
- UL File: E182156
- CAN/CSA C22.2 No. 218.1 -13
- FCC part 15 (2018) subpart B
- ICES-003 (2016)

Input rating (in.yj-2):
- 120/240 V nominal (+5/-10%), 60 Hz (2 lines required with neutral) 32 A Max.

or:
- 120 V nominal only (+5/-10%), 60 Hz (single line with neutral) 16 A Max.

Device*2	Voltage*3	Maximum current
Pump 1 (2-spd)	120 or 240 V	15 FLA/60 LRA (inrush)
Pump 2 (1-spd)*4	120 or 240 V	15 FLA/60 LRA (inrush)
O3*5	120 or 240 V	3 FLA/6 A
Direct out 1	120 or 240 V	5 A (always on)
Light output	12 Vdc	1 AMP (12W Light bulb)*6
RGB LEDs output*7		51 LEDs Max*6

*1 Certain current limits may apply. Please talk to your customer service representative for more information.
*2 Total of Pump 1, O3 and Direct out should not exceed 16 FLA for north american models.
*3 The output voltage is selectable only if input supply voltage is 120/240 V.
*4 Only available on in.yj-3.
*5 The ozonator is connected in parallel with the Pump 1 low speed, therefore they cannot be controlled independently.
*6 The maximum current on both Light and RGB LEDs output may not exceed 1A.
*7 Compatible with the in.lu.me Gecko LED Module. Please talk to your customer service representative for more information.

in.yj European and international (CE/AS/NZS) electrical specifications*1

Input rating (in.yj-3):
- 220-240 V nominal (+5/-10%), 50-60 Hz, (1 line required with neutral), single-phase system 40 A Max.

or:
- 220-240 V nominal with neutral (+5/-10%), 50-60 Hz, (2 lines required with neutral), dual-phase system 20 A Max. per phase.

heat.wav rating:
- Voltage: 220 - 240 V, 50/60 Hz
- Wattage: 4 kW at 220 - 240 V
- Flow rate: Minimum of 18 GPM (68,1 LPM) is required

European and international standards (CE/AS/NZS)
- IEC 60335-2-60:2017
- IEC 60335-1:2010 + AMD1:2013 + AMD2:2016
- AS/NZS 60335.2.60:2006
- AS/NZS 60335.1:2011 + A1:2012 + A2:2014 + A3:2015
- EN 55014-1 (2017)
- EN 55014-2 (2015)

Input rating (in.yj-2):
- 220-240 V nominal (+5/-10%), 50-60 Hz, (1 line required with neutral), single-phase system 32 A Max.

Device*2	Voltage*3	Maximum current
Pump 1 (2-spd)	220 V - 240 V	15 FLA/60 LRA (inrush)
Pump 2 (1-spd)*4	220 V - 240 V	15 FLA/60 LRA (inrush)
O3*5	220 V - 240 V	3 FLA/6 A
Direct out 1	220 V - 240 V	5 A (always on)
Light output	12 Vdc	1 AMP (6W Light bulb)*6
RGB LEDs output*7		51 LEDs Max (1 AMP Max)*6

*1 Certain current limits may apply. Please talk to your customer service representative for more information.
*2 Total of Pump 1, O3, heater, and Direct out should not exceed 32 A for CE/AS/NZS version.
*3 The output voltage for the CE/AS/NZS version will reflect the input voltage, typically 230 V.
*4 Only available on in.yj-3.
*5 The ozonator is connected in parallel with the Pump 1 low speed, therefore they cannot be controlled independently.
*6 The maximum current on both Light and RGB LEDs output may not exceed 1A.
*7 Compatible with the in.lu.me Gecko LED Module. Please talk to your customer service representative for more information.

Products features and specifications subject to change without notice.

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