

Just updated V3

YJ3

in.yj3

Small package, zero compromise!



Our new in.yj3 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.yj3 is the nicest control system for small footprint spas. But the temptation to muscle it up and make it the best there is proved irresistible. With its boosted CPU, more memory and higher capacity relays, in.yj3 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.yj3 box with full color control directly from the keypad.

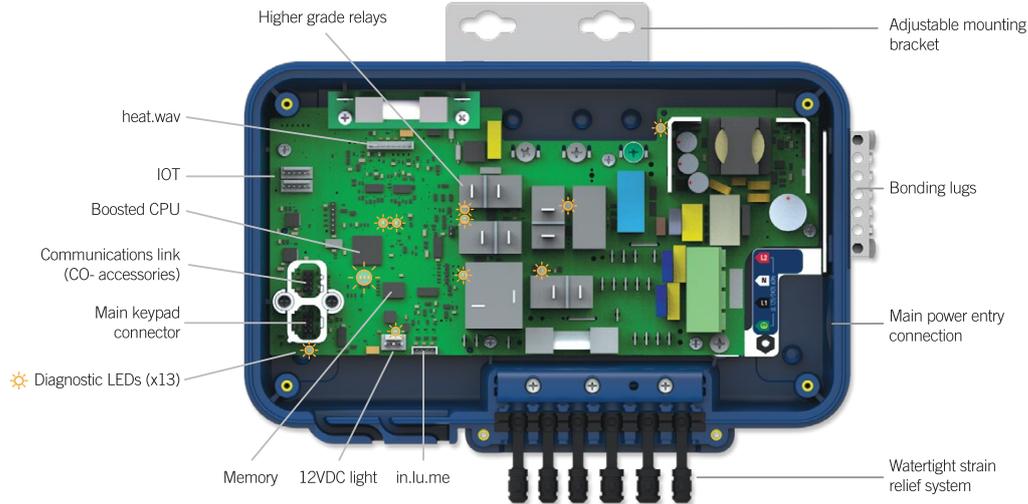
**Now connects
to the Internet of Things**

We've added a pathway to connected accessories with faster communication, not only to open up the in.yj3 to the network of connected objects but to be updatable wirelessly, a definite plus for our OEM customers. All this in the same small control box!



in.yj3

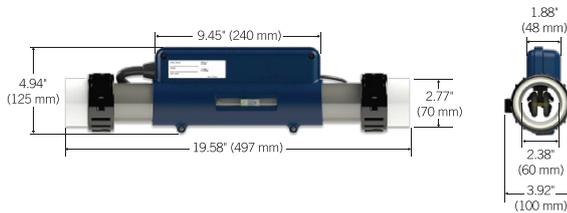
small package, zero compromise



in.yj dimensions



heat.wav dimensions



in.yj installation



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/AUS/NZA & 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
- 40 A Max (2 lines required with neutral)

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
- 32 A Max (2 lines required with neutral)

or:

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

Device*2

Device*2	Voltage*3	Maximum current
Pump 1 (2-sp)	120 or 240 V	15 FLA/60 LRA (inrush)
Pump 2 (1-sp)*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*8

*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 UL/CSA version.

*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 with neutral (+5/-10%), 50/60 Hz
- 40 A Max (monophase system)

or:

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

Input rating (in.yj-2):

- 220-240 V nominal with neutral (+5/-10%), 50/60 Hz
- 32 A Max (monophase system)

or:

- 220-240 V nominal with neutral (+5/-10%), 50/60 Hz
- Dual-phase system 16 A Max per phase (2 lines required with neutral)

Heat.wav rating:

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

Device*2

Device*2	Voltage*3	Maximum current
Pump 1 (2-sp)	220 V - 240 V (monophase)	15 FLA/60 LRA (inrush)
		10 FLA/40 LRA on 20A dual-phase system
		8 FLA/32 LRA on 16A dual-phase system
Pump 2 (1-sp)*4	220 V - 240 V (monophase)	15 FLA/60 LRA (inrush)
		10 FLA/40 LRA on 20A dual-phase system
		8 FLA/32 LRA on 16A dual-phase system
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)*8

*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/AUS/NZA version.

*3 The output voltage for the CE/AUS/NZA version will reflect the input voltage, typically 230 V.

*4 Only available on in.yj-3

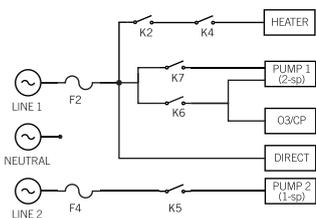
*5 The ozonator is connected in parallel with the Pump 1 low speed, therefore they cannot be controlled independently.

*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.

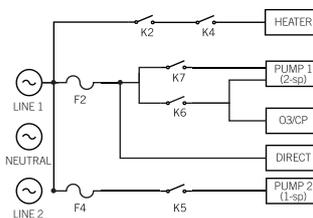
Dual-phase system configuration

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



Products features and specifications subject to change without notice.