

PIMP YOUR SPA



Spas...bring 'em on!



Y Series™

whatever the spa, this is your control system

Future compatibility

Easy care and maintenance

Fits all, and we mean all, spas



GECKO®

www.geckoalliance.com

Creating products. Building relationships.



Y Series™

This product is the simplest, most flexible solution when it comes to supporting even the most complex array of spa add-ons and options.

The Y Series offers the kind of simplicity that makes for a genuine top-of-its-class product. It is the natural choice for anyone who wants an easy-to-understand multi-application solution.

With the Gecko Y Series you don't have to wonder about compatibility; instead, there's just the comforting certainty that when you invest in the Y Series, all spa configurations are supported.

What's more, the Y Series also takes into account future compatibility, so you can enjoy peace of mind knowing that you can enjoy the Y Series for years to come.

Compatible with:



in.k600 static main keypad
LCD display, 11 keys



in.k4 main keypad
LCD display, 8 keys



in.k8 main keypad
LCD display, 8 keys



in.k35 main keypad
LED display, 6 keys



in.k19 main keypad
LED display, 4 keys



in.k450 main keypad
LCD display, 7 keys



in.k200 main keypad
LED display, 4 keys



in.k800 main keypad
LCD display, 10 keys



in.k500 main keypad
Color LCD display, 7 keys



in.k300 main keypad
LCD display, 4 keys

Total flexibility, total compatibility, total satisfaction.

Gecko's new Y Series Spa Control System matches any spa available. If it's a spa, the Y Series will adapt to it. This durable, efficient new controller gives you everything you need in a spa control system while taking flexibility to a whole new level.

Gecko Y Series

1. System designed to accept future technologies

The Y Series will remain state-of-the-art for many years to come. It's an investment for today, and the future.

2. AMP connectors/quick connectors

AMP connector and quick connect versions of the Y Series packs are both available.

3. Single platform covering low to high-end spas

From simple entry level hot tubs to complex swim spa systems, the Y Series meets all requirements.

4. Field-serviceable parts

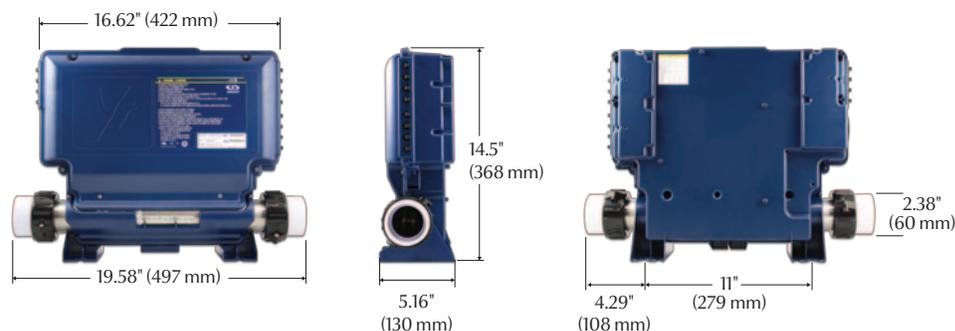
The Y Series provides easy access to the control board for all maintenance and replacement requirements. Keypad auto detection options are also featured.

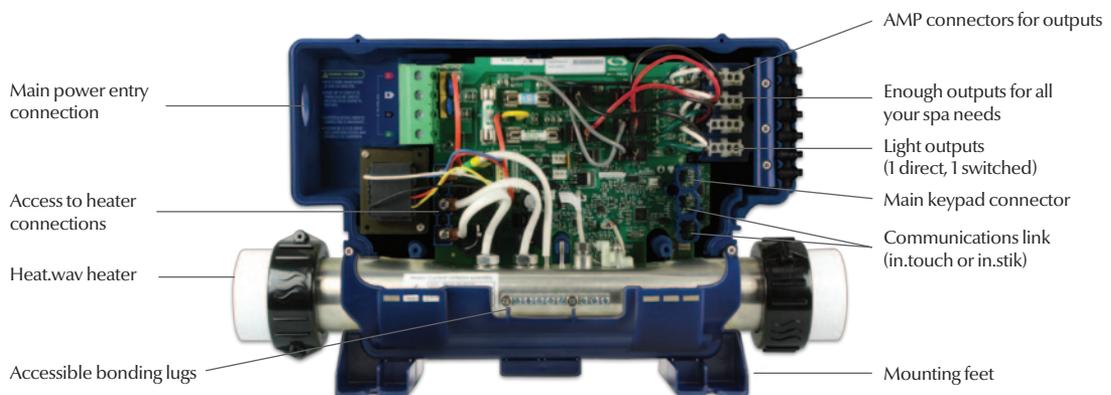
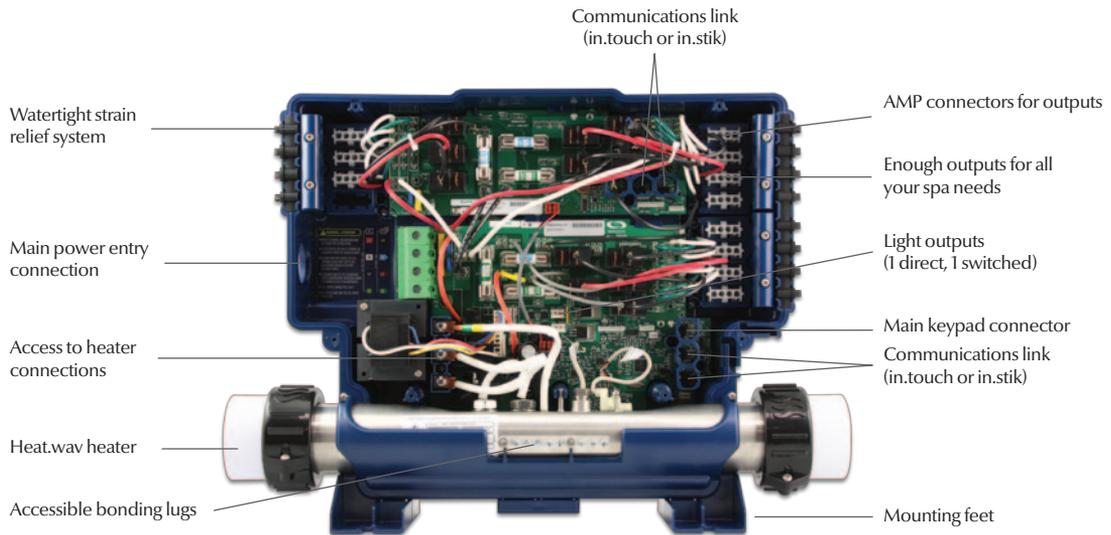
The bottom line? The Y Series will fit each and every spa produced today and well into the future. With the Y Series: you're ready.

in.ye dimensions:



in.yt dimensions:





in.seal
watertight protection

The in.seal provides extra level of protection against water infiltration. Connectors and power box are designed to be watertight and no water can be in direct contact with electrical components.



in.flo
solid state monitoring

The in.flo is an all-electronic dry-fire protection that is built-in the heat.wav heater. The in.flo eliminates the burden of adjustments, calibrations and failures associated to usual water flow sensors.



in.t.cip
water temp. algorithm

The Y Series also monitors water temperature through in.t.cip, our breakthrough software algorithm that calculates optimal time to start pumps and get water temperature readings.



in.stik
software auto-uploader

The in.stik is a pen drive software auto-uploader with an in.link connector. The in.stik connects to the spa control system and contains software to program or configure itself. The data upload and update occurs automatically.



in.touch
you're always in touch with your relaxation

All Y Series packs support the in.touch WiFi interface, allowing you to use your favorite iOS device to communicate with your spa.

North American Models

General specifications:

Environmental:

- Operating temperature:
32°F (0°C) to 136°F (58°C)**
- Storage temperature:
-13°F (-25°C) to 185°F (85°C)
- Humidity: up to 85% RH, non condensing
- IPx5 level of waterproofing

** Certain current limits may apply. Please talk to your customer service representative for more information.

Mechanical:

in.ye

- Weight: up to 9.7 lb (4.4 kg)
- Dimensions: (W x H x D)
19.598" x 10.75" x 2.875" (497 x 273 x 126 mm)

in.yt

- Weight: up to 12 lb (5.45 kg)
- Dimensions: (W x H x D)
19.58" x 14.5" x 5.1" (497 x 368 x 130 mm)

UL/CSA Standards:

- UL 1563 Sixth Ed.
- UL File: E182156
- CSA No. 22.2 - 218.1-M89



Y Series UL/CSA electrical specifications

Input rating:	120/240 V nominal (+5/-10%) 60 Hz nominal +1.5 / -1.0 Hz (2 lines required with neutral) 48 A Max,
or (in.ye-3 only):	120 V nominal only (+5/-10%) (single line with neutral) 16 A Max

Heat.wav rating:

Voltage:	120 or 240 V, 60 Hz
Wattage:	4 kW at 240 V, 1 kW at 120 V (optional 5.5 kW at 240V)
Flow rate:	Minimum of 18 GPM (68.1 LPM) is required

Device	Voltage	Maximum current	ye-3 ^{*1}	ye-5	yt-7 ^{*7}	yt-12 ^{*8}
Pump 1 (2-spd)	120 or 240 V	15 FLA/60 LRA (inrush)	●	●	●	●
Pump 2 (2-spd)	120 or 240 V	15 FLA/60 LRA (inrush)	● ^{*2}	● ^{*4}	●	●
Pump 3 (2-spd)	120 or 240 V	15 FLA/60 LRA (inrush)		● ^{*5}	●	●
Pump 4 (2-spd)	120 or 240 V	15 FLA/60 LRA (inrush)				●
Pump 5 (1-spd)	120 or 240 V	15 FLA/60 LRA (inrush)				●
O3/CP	120 or 240 V	6 FLA/10 A	● ^{*3}	●		●
A1	120 or 240 V	15 FLA/60 LRA (inrush)				●
Blower	120 or 240 V	15 FLA/60 LRA (inrush)				●
CP	120 or 240 V	6 FLA/10 A			●	●
O3	120 or 240 V	6 FLA/10 A			●	●
Direct out 1	120 or 240 V	10 A (always on)		● ^{*6}	●	●
Direct out 2	120 or 240 V	10 A (always on)			●	●

*1 This model can be converted to a dedicated 120 V model.

*2 Pump #2 can only be installed if Pump #1 is a single-speed pump.

*3 Total of Pump #1-low (or Pumps #2) and O3/ CP cannot exceed 15 FLA.

*4 Total of Pump #2 and Pump #3 cannot exceed 22 FLA.

*5 Pump #3 can only be installed if Pump #2 is a single-speed pump.

*6 Total of Pump #1-low, O3/ CP, and Direct #1 cannot exceed 15 FLA.

*7 If CP is used, Pump 3 must be 1-speed
Total of pump 1-low, O3 and Di1 must not exceed 15 FLA
Total of P3, CP, and Di2 must not exceed 15 FLA

*8 If A1 is used, Pump 4 must be 1-speed
Total of O3 and Di1 must not exceed 15 FLA
Total of P3, CP, and Di2 must not exceed 15 FLA
Total of P5, and B must not exceed 15 FLA
Total of P4, and A1 must not exceed 20 FLA

European Models

General specifications:

Environmental:

- Operating temperature:
32°F (0°C) to 136°F (58°C)**
- Storage temperature:
-13°F (-25°C) to 185°F (85°C)
- Humidity: up to 85% RH, non condensing
- IPx5 level of waterproofing

** Certain current limits may apply. Please talk to your customer service representative for more information.

Mechanical:

in.ye

- Weight: up to 9.7 lb (4.4 kg)
- Dimensions: (W x H x D)
19.598" x 10.75" x 2.875" (497 x 273 x 126 mm)

in.yt

- Weight: up to 12 lb (5.45 kg)
- Dimensions: (W x H x D)
19.58" x 14.5" x 5.1" (497 x 368 x 130 mm)

TUV Standards:

- EN/IEC 60335 - 2 - 60: 2003/2002 - EN/IEC 60335 - 1: 2002/2001 (incl. Corr. & Am. up to 2004)
- EN55014-1
- EN55014-2
- EN61000-3-2
- EN61000-3-3



Y Series TUV electrical specifications

Input rating:	230 V nominal with neutral (+5/-10%) 50 Hz nominal (+1.5 / -1.0 Hz) Monophase system 48 A max Biphase system 20 A max per phase
in.yt only or (in.ye-3 only):	Triphase system 16 A max per phase 230 V nominal only (+5/-10%) monophase system 40 A max

Heat.wav rating:

Voltage:	230 V, 50 Hz
Wattage:	3.7 kW at 230 V
Flow rate:	Minimum of 18 GPM (68.1 LPM) is required

Device	Voltage	Maximum current	ye-3	ye-5	yt-7 *6	yt-12 *7
Pump 1 (2-spd)	230 V	15 FLA/60 LRA (inrush)	●	●	●	●
Pump 2 (2-spd)	230 V	15 FLA/60 LRA (inrush)	●*1	●*3	●	●
Pump 3 (2-spd)	230 V	15 FLA/60 LRA (inrush)		●*4	●	●
Pump 4 (2-spd)	230 V	15 FLA/60 LRA (inrush)				●
Pump 5 (1-spd)	230 V	15 FLA/60 LRA (inrush)				●
O3/CP	230 V	6 FLA/10 A	●*2	●		●
A1	230 V	15 FLA/60 LRA (inrush)				●
Blower	230 V	15 FLA/60 LRA (inrush)				●
CP	230 V	6 FLA/10 A			●	●
O3	230 V	6 FLA/10 A			●	●
Direct out 1	230 V	10 A (always on)		●*5	●	●
Direct out 2	230 V	10 A (always on)			●	●

*1 Pump #2 can only be installed if Pump #1 is a single-speed pump.

*2 Total of Pump #1-low (or Pumps #2) and O3/ CP cannot exceed 20 FLA.

*3 Total of Pump #2 and Pump #3 cannot exceed 20 FLA.

*4 Pump #3 can only be installed if Pump #2 is a single-speed pump.

*5 Total of Pump #1-low, O3/ CP, and Direct #1 cannot exceed 20 FLA.

*6 If CP is used, Pump 3 must be 1-speed
Total of pump 1-low, O3 and Di1 must not exceed 20 FLA
Total of P3, CP, and Di2 must not exceed 20 FLA

*7 If A1 is used, Pump 4 must be 1-speed
Total of O3 and Di1 must not exceed 20 FLA
Total of P3, CP, and Di2 must not exceed 20 FLA
Total of P5, and B must not exceed 20 FLA
Total of P4, and A1 must not exceed 20 FLA



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