Aftermarket products & parts catalogue

2024

north american edition

maelstrom™

aqua-flo™ by GECKO

Control systems, keypads, pumps, accessories, parts & more!

GECKO®

For spa distributors, dealers, tech and trade professionals!

Table of Contents

Our products

Our electronic spa controls combine innovation and versatility, and work with a wide range of spas, from the simplest to the most complex. Easy to install, with configuration menus accessible from the keypad — our replacement kits are great value, and are sure to be a must-have in the repair truck.

We also manufacture Maelstrom and Aqua-Flo trademark pumps, known for their energy efficiency and their superior hydraulic capacity. Whether you want to reduce your energy consumption without losing out on power, or to gain power without paying a bundle in energy bills, we have a pump for you.

Our service

Gecko's technical support team strives to offer the highest level of services. Our team of technicians is there to help your company with any questions you may have on our products, our processes or follow up on an order.

Call us toll free: **1.800.784.3256** from 8 AM to 8 PM ET or email us: **techsupport@geckoal.com**

Head office, Quebec, Canada

Palmera plant, Tijuana, Mexico

Terra plant, Tijuana, Mexico

Spa Controls

Y series

in.yt-7
WxHxD: 19.58" x 14.5" x 5.16" (497 x 368 x 130 mm)
Weight: 12 lb (5.5 kg)

in.ye-5
WxHxD: 19.58" x 10.75" x 4.98" (497 x 273 x 126 mm)
Weight: 9.7 lb (4.4 kg)

in.yj-3
WxHxD: 11.83" x 7.38" x 3.74" (307 x 187 x 95 mm)
Weight: 9 lb (4 kg) with heater

Y series
whatever the spa, this is your control system

- Each pack supports keypads, heater, a 12 V light, and configurable relays (3, 5 or 7, depending on model)
- Solid-state water flow detection: No pressure switch to adjust
- IPX5 rated waterproof design
- Preloaded configuration allows fast and easy installation
- Convertible 120/240 V
- Each output voltage can be configured 120/240 V
- Connector: AMP, Quick Connect
- Standard 4 kW, 2" x 15" flow thru heater (minimum of 20GPM required)
- Y & X series keypad compatible
- Temperature probe is built into the heater
- Kinetic heat, overheat & anti-freeze protections
- Self-Diagnostic
- Programmable filter cycles
- Corrosion-free enclosure

See Low Level Configuration on page 35, 36 & 37.

in.touch 2 ready!

Y series product selector: number of configurable outputs defines supported optional accessories

Features		in.yj-3 (3 outputs)	in.ye-5 (5 outputs)	in.yt-7 (7 outputs)
	Model & PN	**0612-221041-431**	**0610-221046-355 (4 kW)** **0610-221066-363 (5.5 kW)**	**0611-221031-361**
	Receptacle type	AMP or Quick Connect	AMP or Quick Connect	AMP or Quick Connect
Optional accessories	Pump 1			
	Pump 2			
	Pump 3	Up to 3 out of the list. Dual speed pumps use 2 outputs	Up to 5 outputs of the list. Dual speed pumps use 2 outputs	Up to 7 out of the list. Dual speed pumps use 2 outputs
	Pump 4			
	Pump 5	Example using 3 outputs: **P1-2spd, P2-1spd,** **Ozone tied to low speed**	Example using 5 outputs: **P1-2spd, P2-1spd, Blower** **and Ozone**	Example using 7 outputs: **P1 dual speed, P2 dual speed,** **P3-1spd, Blower and Ozone**
	Blower			
	CP			
	Ozone			
Included	Direct outlet	•	•	•
	Light	12 W @ 12 V AC	12 W @ 12 V AC	12 W @ 12 V AC
	Heater (20 GPM minimum water flow required)	4 kW @ 240 V 1 kW @ 120 V (0613-421009 - remote with cables 4')	4 kW @ 240 V 1 kW @ 120 V or 5.5 kW	4 kW @ 240 V 1 kW @ 120 V
Topside control	in.k120 auxiliary panel	•	•	•
	in.k200	•	•	•
	in.k300	•	•	•
	in.k336	•	•	•
	in.k19 - in.k35 - in.k8	•	•	•
	in.k450	•	•	•
	in.k600 ST 5 OP	•	•	•
	in.k500 - in.k800 - in.k1000	•	•	•
	in.touch 2	•	•	•

Y series

Y series exploded view

Fuses, Y series:
F4 transformer 0.5 A (in.ye-v2 & in.yt only)
430AC0222
F1 & F3 Pump, 30 A
430AC0186
F2 ACC, 20 A
430AE0027

Transformer (in.ye-v2 & in.yt only):
560AA0444 (120 V AC)

Y series packs:
in.ye-5 (4 kW): **0610-221046-355**
in.ye-5 (5.5 kW): **0610-221066-363**
in.yt-7 (4 kW): **0611-221031-361**

Light cable to socket
9920-400489 (8' - 2.44 m)

Light cable & AMP 2 Pins
9920-401384 (8' - 2.44 m)
9920-401507 (3" - 7 cm)

Y series heat.wav heater
T9920-101435 (4.0 kW)
9920-101449 (5.5 kW)

B-EXT-1R (for in.ye-5-v3 only)
0610-100005

in.yj exploded view

Fuses in.yj:
F2 & F4, pump, 20 A
430AE0027

Wall mount bracket in.yj (kit) includes:
in.yj's rectangular mounting plate,
2 x Tap screw type B,
#6 x 1/2'' Philips pan head, SS
9920-101490

Z bracket in.yj
9917-106758

in.yj-3 pack
0612-221041-431
in.yj-2 pack heat recovery
0612-221045-440
9920-401397 (Temp. Probe & cable 4' - 1.2 m)

in.yj heat.wav heater
0613-421009

L bracket in.yj
9917-102327

Light cable to socket
9920-400489 (8'- 2.44 m)

Light cable to AMP 2 Pins
9920-401384 (8' - 2.44 m)
9920-401507 (3" - 7 cm)

LED light bulb: cold white
246AA0064

Spa Controls

Complete replacement solution

Code	Description

0610-300003

BDLYE5K450: IN.YE-5, IN.K450-3OP KEYPAD, CABLES

Spa pack: in.ye-5 (0610-221046-355)
Keypad: in.k450-3OP (0607-005012)
Cables: 2 x dual spd AMP cable (95100519), 2 x single spd AMP cable (95100517)
& light (9920-400489 - 9920-401507)
Adaptor plate (9917-102123)

0610-300006

BDLYE5K83OP: IN.YE-5, IN.K8-3OP KEYPAD, CABLES

Spa pack: in.ye-5 (0610-221046-355)
Keypad: in.k8-3OP (0607-007067)
Cables: 2 x dual spd AMP cable (95100519), 2 x single spd AMP cable (95100517)
& light (9920-400489 - 9920-401507)
Adaptor plate (9917-102122)

0610-300004

BDLYE5K200: IN.YE-5, IN.K200-2OP KEYPAD, CABLES

Spa pack: in.ye-5 (0610-221046-355)
Keypad: in.k200-2OP (0607-008002)
Cables: 2 x dual spd AMP cables (95100519), 2 x single spd AMP cable (95100517)
& light (9920-400489 - 9920-401507)
Adaptor plate (9917-102053)

0612-300001

BDLYJ3K300: IN.YJ-3, IN.K300 KEYPAD, CABLES

Spa pack: in.yj-3 (0612-221041-431)
Heater: 4kW (0613-421009)
Keypad: in.k300-1OP (0607-008039)
Cables: AMP 2 spd receptacle (9920-401345), QC to QC dual speed (95100251),
light (9920-400489 - 9920-401507) & white LED bulb (246AA0064)
Mounting acc.: in.k300 adaptor plate (9917-10239), 2 x mounting bracket & screw kit (9920-101490),
L bracket (9917-102327)

0612-300002

BDLYJ3K200: IN.YJ-3, IN.K200 KEYPAD, CABLES

Spa pack: in.yj-3 (0612-221041-431)
Heater: 4kW (0613-421009)
Keypad: in.k200-1OP (0607-008003)
Cables: AMP 2 spd receptacle (9920-401345), QC to QC dual speed (95100251),
light (9920-400489 - 9920-401507) & white LED bulb (246AA0064)
Mounting acc.: in.k200 adaptor plate (9917-102053), 2 x mounting bracket & screw kit (9920-101490),
L bracket (9917-102327)

Spa Controls

X series

in.xe
WxHxD: 9.58" x 11.75" x 5.1" (490 x 298 x 136 mm)
Weight: 10.5 lb (4.76 kg)

X series
rugged spa pack platform for high-end spas

- IPX5 waterproof rated
- Preloaded configurations allow fast and easy installation
- Large terminal block for easier electrical installation
- Each output voltage supports 120/240 V (in.link)
- Programmable filter cycles
- Solid state dry-fire protection (no pressure switch)
- Kinetic heat, overheat & anti-freeze protections

in.xe
- Support up to: 2 pumps, blower, circ pump, ozone & stereo outlet
- 120/240 V convertible (neutral wire always required)
- 2" electrical heater includes temperature sensors and water flow sensor

in.touch 2 ready!

X series product selector

	Features	in.xe (convertible 120/240V**)	
Order info	Model & PN	**0602-221063-299**	**0602-221066-300**
	Receptacle type	in.link	in.link
Pumps	Pump 1	1 or 2 spd	1 or 2 spd
	Pump 2	1 spd***	1 or 2 spd
	Pump 3		
	Pump 4		
	Pump 5		
Accessories	Blower	2 accessories	1 accessory
	CP	2 accessories	1 accessory
	Ozone	2 accessories	1 accessory
	Direct outlet	•	•
	Light (12 W @ 12 V AC)	•	•
	Heater (20 GPM minimum water flow required)	4 kW @ 240 V 1 kW @ 120 V	4 kW @ 240 V 1 kW @ 120 V
Topside control	in.k100 auxiliary panel		
	in.k120 auxiliary panel	•	•
	in.k200	•	•
	in.k300	•	•
	in.k19 - in.k35	•	•
	in.k450 - in.k8	•	•
	in.k600 ST 5 OP	•	•
	in.k600 Graphic		
	in.k500 - in.k800 - ink1000	•	•
	in.touch 2	•	•

in.link cable is 120 V or 240 V. Make sure to review the cable included when ordering a replacement kit. Allowed Current Draw is 7 A on 4 & 5 pump systems.
** Neutral wire is required to run in 240 V configuration.
*** Pump 2 cannot be dual speed on PN **0602-221063-299.**

in.xe exploded view

Fuses:
F1 & 2, pumps 25 A
430AE0033
F3, accessory 20 A
430AE0027
F4, transformer 0.5 A
430AC0222

in.xe pack
0602-221063-299 (Pump 2 single spd)
0602-221066-300 (Pump 2 dual spd)

in.xe heat.wav heater
T9920-101435 (4.0 kW)

Light cable and socket
9920-401022 (12' or 3.66 m)
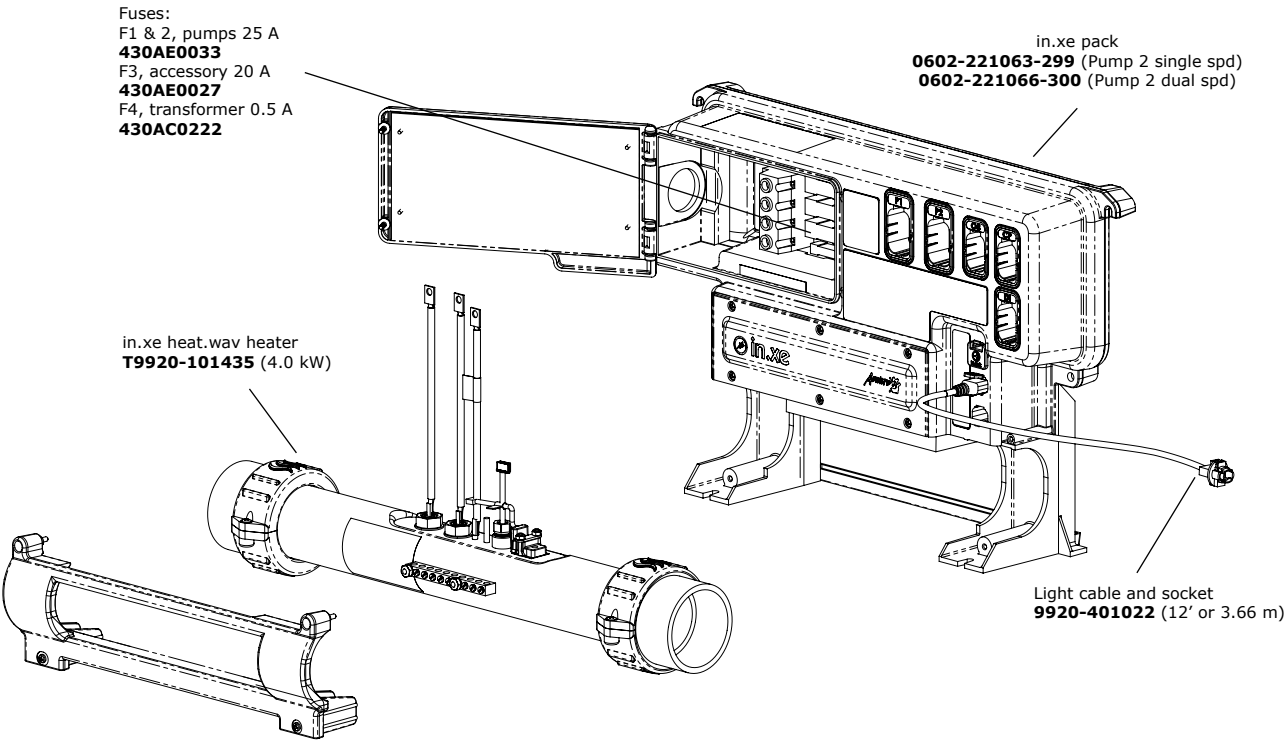
All our techbooks
and documents here

geckoalliance.com
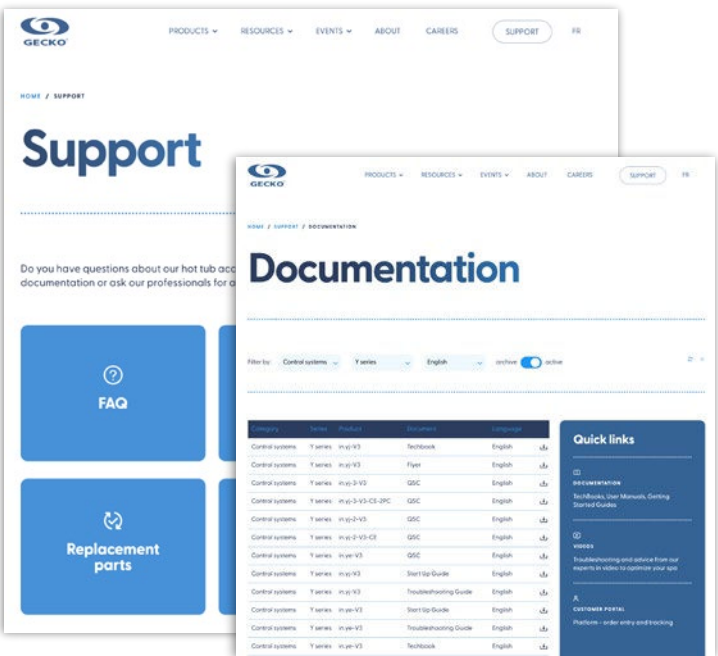
Code	**0607-005033**

IN.K1000-BLACK-GE1

Includes: in.k1000 color keypad with touch screen
Dimensions: 7-½" x 5-¼" (19 x 13 cm)
Cord length: 10' (3 m)
Compatible with: in.xe and Y Series systems
Installation: MUST be installed on the OUTSIDE edge of the hot tub

Code	**0607-008087**

IN.K1001-CLEAR-GE1

Includes: in.k1001 color keypad with touch screen
Dimensions: 6-3/16" x 3-7/8" (15.4 x 9.8 cm)
Cord length: 10' (3 m)
Compatible with: in.xe and Y Series systems
Installation: MUST be installed on the OUTSIDE edge of the hot tub

Code	**0607-008030**

IN.K806-CLEAR AND OVERLAY GE1

Includes: in.k800 color keypad and overlay (**9916-101480**)
10 buttons: Settings/Mode/P1/P2/P3/AUX1/AUX2/Light/Up/Down
Dimensions: 8-¾" x 4-¼" (22.2 x 10.8 cm)
Cord length: 10' (3 m)
Compatible with: Y and X Series systems
Installation: MUST be installed on the OUTSIDE edge of the hot tub

Code	**0607-008033**

IN.K506-CLEAR AND OVERLAY GE1

Includes: in.k500 color keypad and overlay (**9916-101495**)
7 buttons: Settings/Light/Mode/Pump 1/Pump 2/Up/Down
Dimensions: 7-1/8" x 3-3/8" (18.2 x 8.5 cm)
Cord length: 10' (3 m)
Compatible with: Y and X Series systems
Installation: MUST be installed on the OUTSIDE edge of the hot tub.

Code	**0607-008112**

IN.K336 AND OVERLAYS

Includes: in.k336 color keypad and overlays
Overlay 1OP (**9916-101749**) 5 buttons: Up/Down/Pump 1/Light/Program
Overlay 2OP (**9916-101750**) 5 buttons: Up/Down/Pump 1/Pump 2/Light
Dimensions: 7 1/8" x 3 1/10" (18.2 x 7.6 cm)
Cord length: 10' (3 m)
Compatible with: Y Series systems

Y and X series

Code	0607-008064

IN.K600-5OP AND OVERLAY (BDLK6005OP)

Includes: in.k600 keypad with streamlined interface, overlay (**9916-101382**)
11 buttons: Light/Pump 1 to 5/OK/+/-/Prog/Power
Dimensions: 8-¾" x 4-¼" (22.2 x 10.8 cm)
Cord length: 10' (3 m)
Compatible with: in.xe, in.xm, in.xm2 & Y Series systems

Code	0607-005012	0607-005017 (25' - 7,62 m cable)

IN.K450-3OP AND OVERLAY (BDLK4503OP)

Includes: in.k450 keypad, overlay (**9916-101335**)
7 buttons: On/Pump 1/Pump 2/Pump 3/Light/Up/Down
Dimensions: 7-¼" x 3" (18.1 x 7.6 cm)
Cord length: 10' - 3 m (**0607-005012**), 25' - 7,62 cm (**0607-005017**)
Compatible with: in.xe, in.xm, in.xm2 & Y Series system

Code	0607-007067

IN.K8-3OP AND OVERLAY (BDLK83OP)

Includes: in.k8-3OP keypad, overlay (**9916-101675**)
8 buttons: Pump 1/Pump 2/Pump 3-Blower/Light/ Power/Prog/Up/Down
Dimensions: 7" x 3-¼" (17.8 x 8.25 cm)
Cord length: 10' (3 m)
Compatible with: in.xe & Y Series systems

Note: Replaces in.k19 & in.k35 (same shape, different keys)

Code	0607-008039 (1 pump)	0608-008040 (2 pumps)

IN.K300 AND OVERLAY (BDLK3001OP - BDLK3002OP)

Includes: in.k300-1OP keypad, overlay (**9916-101499**)
4 buttons: Pump 1/Light/Up/Down
or
Includes: in.k300-2OP keypad, overlay (**9916-101500**)
4 buttons: Pump 1/Pump 2/Light/Up-Down

Dimensions: 6-¼" x 2-¼" (15.9 x 7.5 cm)
Cord length: 10' (3 m)
Compatible with: Y Series systems

Code	0607-008003 (1 pump)	0607-008002 (2 pumps)

IN.K200 AND OVERLAY (BDLK2001OP - BDLK2002OP)

Includes: in.k200-1OP keypad, overlay (**9916-101203**)
4 buttons: Pump 1/Light/Up/Down
or
Includes: in.k200-2OP keypad, overlay (**9916-101030**)
4 buttons: Pump 1/Pump 2/Light/Up-Down

Dimensions: 4-¾" x 2" (12 x 5.1 cm)
Cord length: 10' (3 m)
Compatible with: in.xe & Y Series systems

Spa Keypads

Y and X series

Code   **0607-005019**

IN.K120-3OP AND OVERLAY

Includes: in.k120 auxiliary keypad and overlay
4 buttons: Pump 1/Pump 2/Pump 3/Light
Dimensions: 3-1/2" x 2-1/8" (9 x 5.4 cm)
Cord length: 20' (6 m)
Compatible with: in.xe, in.xm, in.xm2 & Y Series systems

M-CLASS

Code   **0201-007044**

TSC-4-10K-GE1 AND OVERLAY (BDLTSC410K)

Includes: TSC-4-10K keypad, overlay (**9916-100761**)
10 buttons: Pump 3/Pump 1/Pump 2/Blower/Light/Clock/Economy/Filter/Up/Down
Dimensions: 7" x 3-¼" (17.8 x 8.25 cm)
Cord length: 10' (3 m)
Compatible with: M-CLASS systems

Code   **0200-007119**

TSC-4-GE1 AND OVERLAY (BDLTSC4GE1)

Includes: TSC-4 keypad, overlay (**9916-100094**)
8 buttons: Up/Pump 1/Pump 2/Prog/Down/Blower/Light/Mode
Dimensions: 7" x 3-¼" (17.8 x 8.25 cm)
Cord length: 10' (3 m)
Compatible with: M-CLASS systems

Code   **0201-007153**

TSC-8-10K-GE1 AND OVERLAY (BDLTSC810K)

Includes: TSC-8-10K keypad, overlay (**9916-100723**)
10 buttons: Power/Pump 1/Pump 2/Light/Up/Economy/Pump 3/Blower/Filter/Down
Dimensions: 7" x 3-¼" (17.8 x 8.25 cm)
Cord length: 10' (3 m)
Compatible with: M-CLASS systems

Code   **0200-007194**

TSC-8-PPD AND OVERLAY (BDLTSC8GE1)

Includes: TSC-8 keypad, overlay (**9916-100130** and **9916-100331**)
8 buttons: Pump 1/Pump 2/Blower/Light/Power/Filter/Up/Down
Dimensions: 7" x 3-¼" (17.8 x 8.25 cm)
Cord length: 10' (3 m)
Compatible with: M-CLASS systems

Spa Remote Control Module

in.touch 2

in.touch 2
ultimate mobile remote control for your spa

- Push notifications to alert consumers even when the app is not open
- Extended communication range: 3 times longer than standard Wi-Fi signal
- Simple plug & play network through your ethernet connection

- Intuitive app layout
- Control pumps, blower and light
- Control water temperature set point
- Water care settings to save energy
- Retail ready packaging

Compatible spa controllers: X and Y series versions 2012 and later
Compatible devices: For iOS and Android smartphones and tablets

Find the in.touch 2 app
on App Store or Google Play

Works with Amazon Alexa and Google Home.

JUST ASK
amazon alexa

works with the
Google Assistant

* iPad, iPhone and Android phones not included.

in.touch 2 complete solution:

Code	Description
0608-521020	**IN.TOUCH 2: RF INTERFACE MODULE FOR SPA**

Control your hot tub from your iDevice: iPad, iPhone, iPod and Android devices
The module connects to your home network to provide remote control of your spa.
Kit includes: 2 communication modules (Spa unit (7' or 2 m cable) & network unit), ethernet cable (3' or 0.9 m),
Wallmount power adaptor and wire (3' or 0.9 m)
Compatible with: in.xm2, in.xe and Y Series

in.touch ic
for spa and hot tub professionals

Remote supervision
of your spa and hot tub installed base.
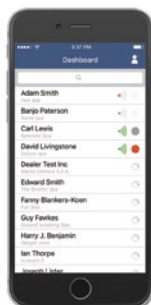
Dealer dashboard.
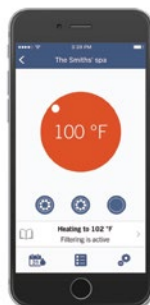
Customer spa pages.
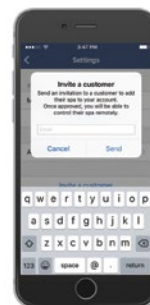
Permission request.

More than a new pro app, a smarter way to work!

5kW models   Part # 0615-807000
7.5kW models Part # 0615-807001

in.touch 2
ready!
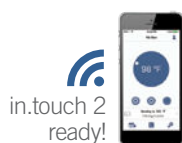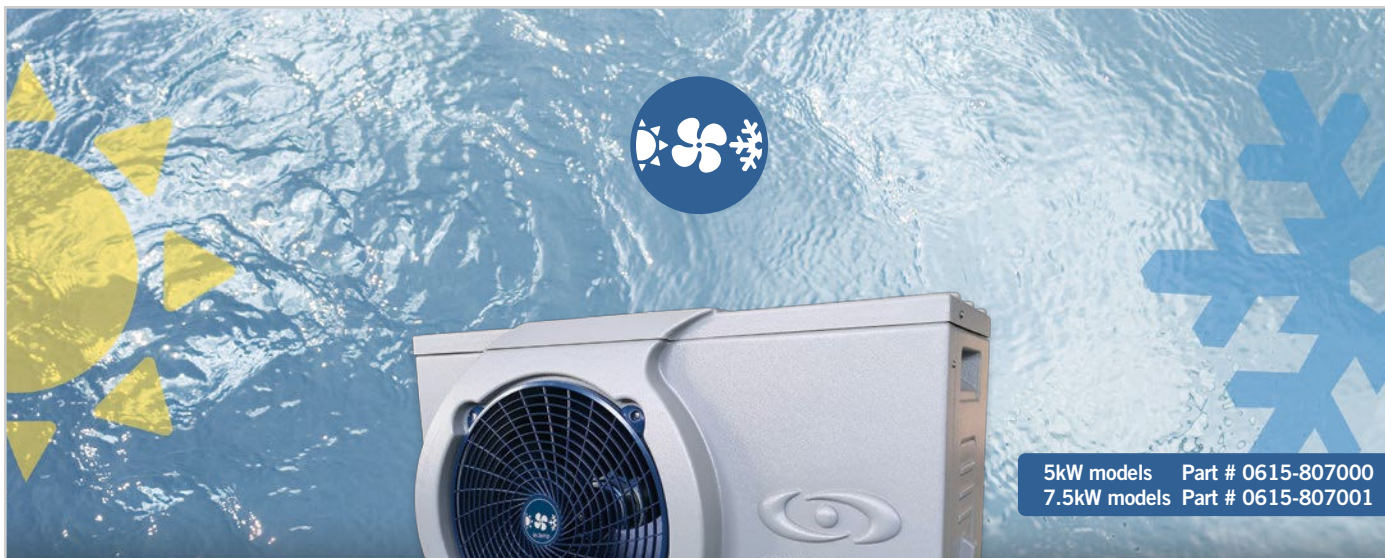
in.temp
A new way to regulate the water of your spa.
World-class, quiet and efficient.
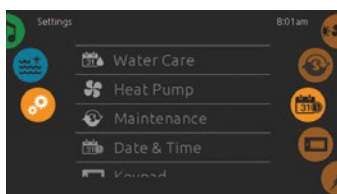
Plug and play solution

Here comes Gecko's new heat pump solution. Using our in.temp has never been so easy! Simply connect it to a Y series control that supports it and you're good to go! Automatic detection, smart power management and no additional power circuit required, the in.temp powers directly from the spa control.
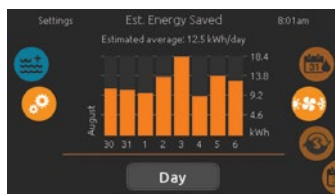
Benefit from energy savings

Are you looking for the most energy efficient form of heating water? Our in.temp is the perfect solution! Air sourced heat pumps, will allow you to save up to 75% energy consumption in comparison with electric elements. The icing on the cake: Gecko's in.temp also uses an eco-friendly refrigerant (R32 and R410A).
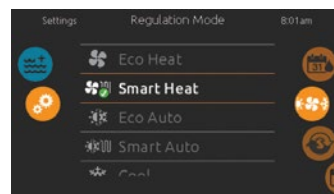
Total flexibility that can also cool down water

With in.temp, you can choose one of its six modes of operation that suits you the best: Eco Heat, Smart Heat, Eco Auto, Smart Auto, Cool and Electric! No matter the weather, your spa will always be at the perfect temperature. Smart modes let you taking full advantage of your in.temp to optimize your savings.

compatibility
Wide selection of keypads (auto-detected by the system upon power up)

in.k330
color LCD display, 5 keys

in.k500
color LCD display, 7 keys

in.k800
color LCD display, 10 keys

in.k1001+
color LCD capacitive touchscreen display

in.k1000+
color LCD capacitive touchscreen display

Learn more about in.temp at www.geckointemp.com

14

Accessories

in.lu.me

in.lu.me
most comprehensive LED system for spas and hot tubs

- System of loop, spyder and cluster cables with high-intensity RGB LED lights
- Made for in.mix 300 color lighting console
- Sturdy water resistant connections (IPX5)
- Quick, easy and clean installation
- Bigger wire gage on loop
- More LEDs on your spa
- Compatible with: in.k1000, in.k800 and in.touch 2

in.touch 2
ready!

in.lu.me installation

Configuration example: 120 LEDs

① 1 in.lu.me-loop-1 & 1 in.lu.me-clus-9
② 1 in.lu.me-loop-8 & 7 in.lu.me-spyd-6 & 1 in.lu.me-clus-9
③ 1 in.lu.me-loop-4 & 4 in.lu.me-spyd-6
④ 1 in.lu.me-loop-8 & 2 in.lu.me-spyd-6 & 6 in.lu.me-spyd-4

in.mix 300
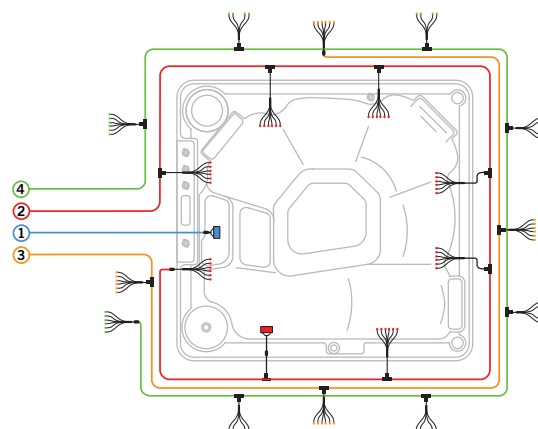
Code	Description
0699-500016	**IN.LU.ME-SPYD-4 V2** Spyder cable 4 LEDs Cord length: 60" (1.5 m)
0699-500017	**IN.LU.ME-SPYD-6 V2** Spyder cable 6 LEDs Cord length: 60" (1.5 m)
0699-500018	**IN.LU.ME-LOOP-8-L V2** Loop cable with 8 t-shaped connectors at every 1.2 m (48") Cord length: 408" (10 m)
0699-500019	**IN.LU.ME-LOOP-4-L V2** Loop cable with 4 t-shaped connectors at every 2.4 m (96") Cord length: 360" (9 m)
0699-500020	**IN.LU.ME-CLUS-9 V2** Main light, 9 LED cluster
0699-500021	**IN.LU.ME-EXT-5 V2** Cable adaptor 5' from loop to cluster Cord length: 60" (1.5 m)
0699-500022	**IN.LU.ME-LOOP-1-8 V2** Loop cable with 1 connector Cord length: 8' (2.4 m)

Accessories

in.mix 300

in.mix 300
create stunning underwater color shows with our light system

- A lighting control console at your fingertips
- Lights up to 3 different color zones in, or around your spa
- Built-in power supply
- Up to 100 points of RGB, LED light sold separately
- Additional CO connector
- Compatible with: in.k1000, in.k800 and in.touch 2
- Dimensions (WxHxD):
  7.03" x 6.13" x 2.22" (179 x 156 x 56 mm)
- Weight: 1.9 lb (870 g)

in.touch 2
ready!

Code	Description
0609-521009	**IN.MIX-300: IN.MIX-300-LU.ME-AMP-GE1** Compatible with in.lu.me LED system
0609-521001	**IN.MIX-300: AMP POWER CORD, MOLEX 5VDC LED PORT** Compatible harness cable (1 per lighting zone): 9920-401478
0609-521003	**IN.MIX-300: AMP POWER CORD, MTA 12VDC LED PORT** Compatible harness cable (1 per lighting zone): 9920-401479
0609-521005	**IN.MIX-300: IN.LINK POWER CORD, JJ 5VDC LED PORT** Compatible with J&J Electronics, inc. Color Choice LED System

in.grid
a flexible way to control your external heating source

- Perfect for selecting, using and synchronizing alternative heat sources
- 4 single switches and one CO connector for your accessories
- Energy saving
- The choice between 4 modes of operation:
  - Internal: electrical heater only
  - External: secondary heat source only
  - Both: electrical heater & secondary heat source
  - Smart: secondary heat source & electrical heater if needed
- Compatible with: Y series specific software required
- Dimensions (WxHxD): 5.50" x 4.48" x 1.84" (140 x 114 x 47 mm)

Code	Description
0608-521033	**IN.GRID: 4 SWITCH + CO + HEAT PUMP CONTROL** The in.grid provides a connection to a normally open dry-contact relay through a spring-loaded female connector. Therefore an external heat source can be controlled by the in.grid. Relay is rated 24V, 4A. External heat source must be made compatible with this remote switching method.
0607-007010	**IN.K110 SINGLE SWITCH (BDLK110)** 1 button: control pump from each seat Dimensions: 1-½" (3.8 cm) diameter Cord length: 20' (6 m) Compatible with: in.grid (0608-521033)
9916-100480	**OVERLAY FOR IN.K110 (BDLK110)**

in.stream 2

WxHxD: 9.81" x 2.58" x 8.88" (249 x 66 x 225 mm)
Weight: 3.6 lb (1.6 kg)

in.stream 2
streamed from your spa, your favorite music never sounded so good!

Features
- Powerful and efficient class D amplifiers
  - Up to 4 speaker outputs (200W at 4 Ohms)
  - 1 subwoofer output (100W at 2 Ohms)
- Supported audio sources
  - Bluetooth streaming
  - Aux in
  - USB stick
  - FM radio
- Smartphone charger through USB connector
- Wall mount installation
- Built-in universal power supply
- Robust, fully splash proof (IPx5) enclosure

Code	Description
0704-121007	**IN.STREAM 2 PRO AUDIO SYSTEM, POWER SUPPLY - IN.LINK CORD** in.stream 2 spa audio system with in.link cable: built-in power supply (100-240VAC) Up to 4 speaker outputs, 1 subwoofer output. Sources in stand-alone mode: Bluetooth, Auxiliary input Sources if connected to a Gecko Pack with Color keypads: Bluetooth, Auxiliary input, USB, FM radio Compatible with X series systems
0704-121008	**IN.STREAM 2 PRO AUDIO SYSTEM, POWER SUPPLY - QUICK CONNECT CORD** in.stream 2 spa audio system with Quick Connect cable: built-in power supply (100-240VAC) Up to 4 speaker outputs, 1 subwoofer output. Sources in stand-alone mode: Bluetooth, Auxiliary input Sources if connected to a Gecko Pack with Color keypads: Bluetooth, Auxiliary input, USB, FM radio Compatible with Y series systems and any control that support Quick Connect tabs
9920-401425	**CABLE: ADAPTOR IN.STREAM 1 OR IN.CHANT TO IN.STREAM 2**
0707-005015	**IN.K175 KEYPAD FOR IN.STREAM 2 AUDIO SYSTEM** 7 buttons: Power/Bluetooth/AUX/Volume Up - Down/Previous Track/Next Track Dimensions: 3.58" x 2.15" (9 x 5.5 cm) Cord length: 20' (6 m) Compatible with: in.stream 2 audio system

Code	Description
95100517	**CABLE: AMP-4P TO QC, SINGLE SPEED 14/3, 4' (1.2 M)**
95100519	**CABLE: AMP-4P TO QC, DUAL SPEED 14/4, 4' (1.2 M)**
9920-401316	**COMMUNICATION CABLE FOR IN.XE & IN.YE SWIM SPA SOLUTION, 8' (2.5 M)** Cable Length: 8' (2.5 m)
9920-401345	**RECEPTACLE CABLE OUTPUT AMP 2 SPEED, 14AWG, LENGTH 8" (20 CM)**
9920-401346	**CABLE 1 SPD, AMP TO QUICK CONNECT, 14AWG, LENGTH 8" (20 CM)**
9920-401369	**CABLE SPLITTER PP-1 AMP MALE TO 2 FEMALE, LENGTH 6" (15 CM)**

◉ Universeal

Available on Aqua-Flo by Gecko pumps for spas and hot tubs!
with features that speak for themselves and benefits that are all yours!

- Less parts for an optimized reliability (5 parts compared to 7 for other seals)
- Superior leak resistance (through less interpret joints than other seals)
- Twice as much sealing surface on impeller shaft than other seals for optimal torque transmission
- Full rubber protection through stainless steel 316 jacket
- Low friction ceramic (silicon ceramic)
- Crimped carbon friction ring for maximized strength

aqua-flo™
by **GECKO**

going strongly against the flow
pumps for small to swim spas

Maelstrom Pumps for Spas

MS-1 series

maelstrom™

the spa pump standard has been raised

- Longer life capacitor with high temp. 185°F
- Sealed bearing
- Low energy in low speed
- Seal: Gecko high quality Universeal
- 2" intake and discharge
- Tail piece (2)
- Three wing nut drain plugs
- 96" cable with AMP plug
- Strong packaging solution: Dual-layered cardbox with molded foam for safe storage and transportation

Universeal inside!

Dimension and Performance Curves Maelstrom MS-1

Legend:

- —— Performance HS, 3HP
- —— Performance LS, 3HP
- —— Performance HS, 2HP
- —— Performance LS, 2HP
- - - - Amps HS, 3HP
- - - - Amps LS, 3HP
- - - - Amps HS, 2HP
- - - - Amps LS, 2HP

MS-1 series

Maelstrom MS-1 exploded view

Seal replacement for Maelstrom
(Universeal)
92500171

Maelstrom pump UL Impeller kit 3HP
0800-500002
Maelstrom pump UL Impeller kit 2HP
0800-500000

Compression fitting kit 2'' W/ O-Ring
0800-500019

Wet end assy MS-1,
3HP UL
0800-500006
Wet end assy MS-1,
2HP UL
0800-500004

O-Ring for drain plug
92200060
Drain plug 1/4" for Maelstrom
92290070
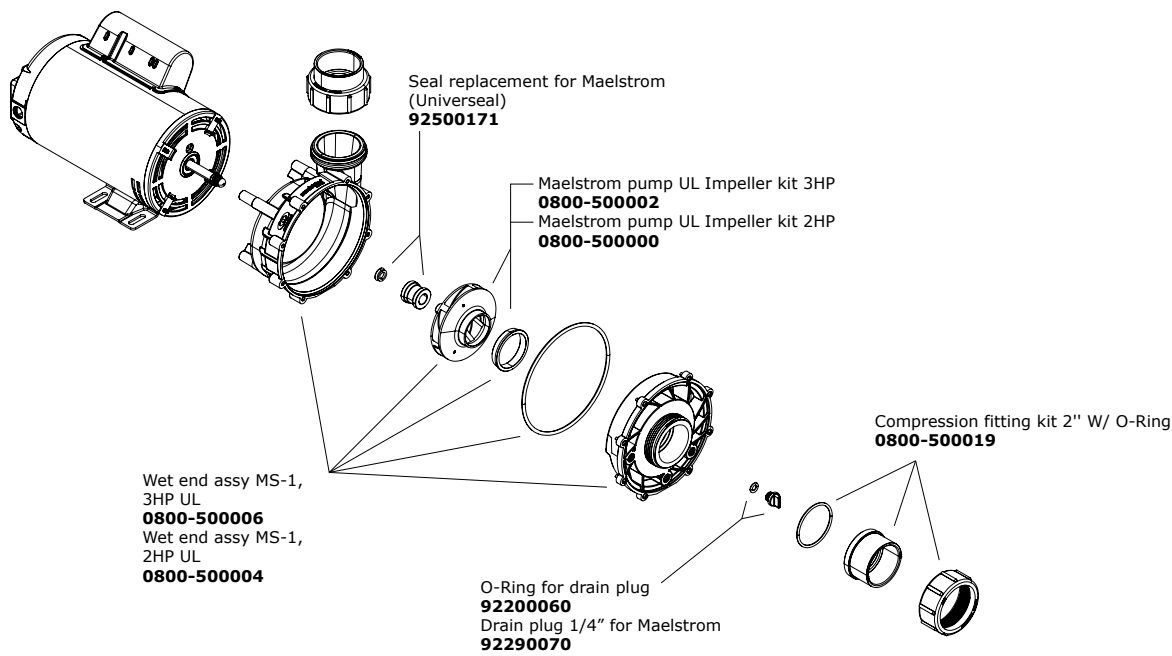
Maelstrom MS-1 series

Dual-speed, 2" intake & discharge								
Part No.	hp in	hp out	Input Rating	Frame Size	Speed	A	HMAX (ft)	QMAX (GPM)
0800-390000	3.5	3.0	230V 60Hz	56	**High** **Low**	12 3.5	72 17	271 132
0800-390005	2.6	2.0	230V 60Hz	56	**High** **Low**	8.4 3.2	57 13	254 124

Maelstrom Pumps for Spas

CMS-1

maelstrom™

the spa pump standard has been raised

- Longer life capacitor with high temp. 85°C
- Sealed bearing
- 1,5" to 2" adaptor available
- Seal: Gecko high quality Universeal
- 1,5" intake and discharge
- Tail piece (2)
- Three wing nut drain plugs
- 96" cable with AMP plug
- Strong packaging solution: Dual-layered cardbox with molded foam for safe storage and transportation

Universeal inside!

Dimension and Performance Curves Maelstrom CMS-1

Legend:
- Performance HS, 50Hz
- Performance HS, 60Hz
- AMPS, HS, 50Hz
- AMPS, HS, 60Hz
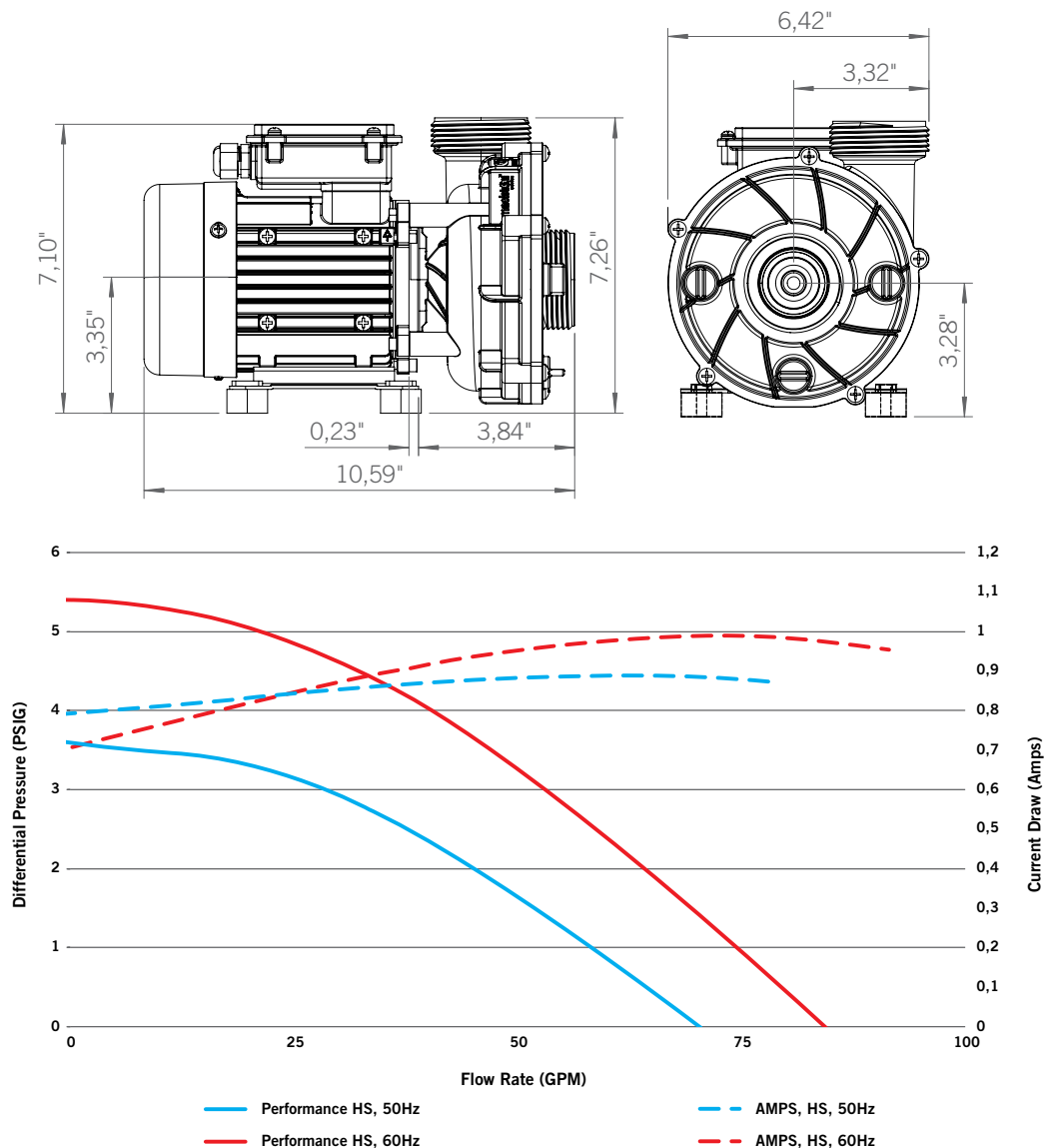
Maelstrom Pumps for Spas

CMS-1 series

Maelstrom CMS-1 exploded view

Seal replacement for Maelstrom
(Universeal)
92500171

O-Ring for drain plug
92200060
Drain plug 1/4" for Maelstrom
92290070

Shockmount kit
MS Pump Series
(Bag of 4)
0800-500013

Compression fitting kit 1 1/2''
(Bag of 2)
52271000

Wet end assy CMS-1,
0.2HP UL
0800-500020
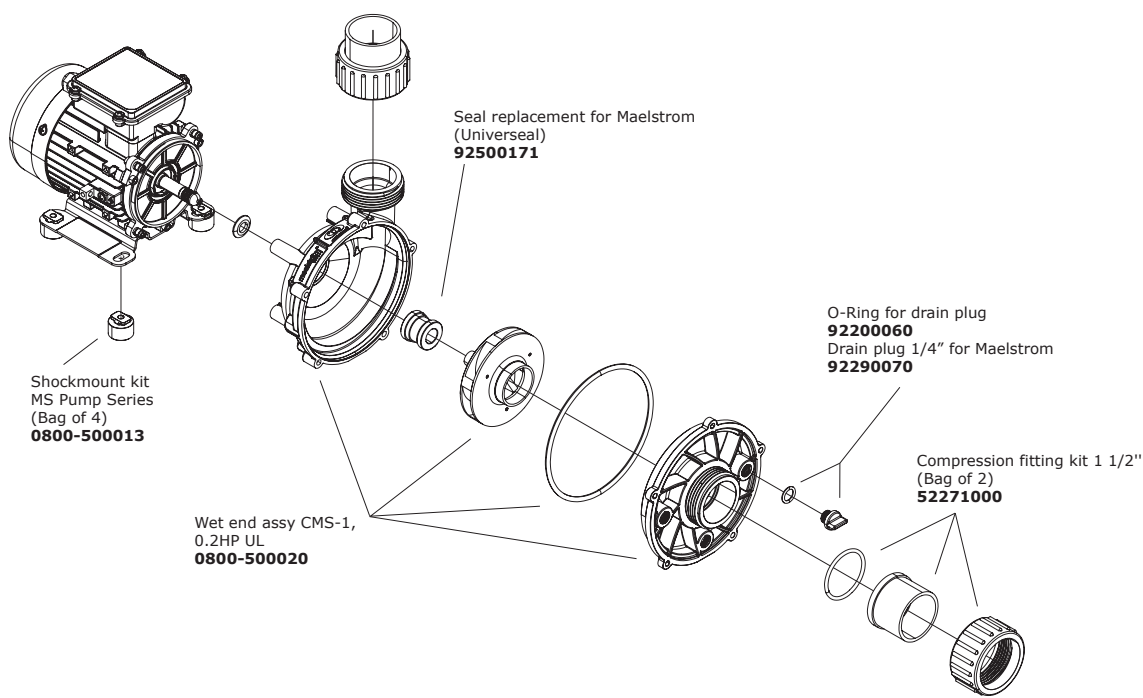
Maelstrom CMS-1 series

Dual-speed, 1.5" intake & discharge							
Part No.	hp out	Input Rating	Frame Size	Speed	A	HMAX (ft)	QMAX (GPM)
0800-690000	0.2	220-240V 60Hz	56	**One**	1	12,5 ft / 3,81 m	85 GPM / 320 LPM

Aqua-Flo Pumps for Spas

OP.HP stands for operational horse power and is a notation specific to Aqua-flo. If you replace an Aqua-flo pump, make sure the OP.HP rating matches the hp rating on the old pump. If you are replacing another pump brand by one below, refer to the hp rating in the tables.

Flo-Master XP3 Series, 60Hz, 56 Frame

- Booster jet pumps
- 2 ½" intake & discharge
- Flow rate 200-310 GPM
- 56 frame motor

Dual-speed, 2 ½" intake & discharge

Part No.	hp	Volts	A (High)	A (Low)	OP.HP	Hi-Flo GPM
08326000-2041	3.0	230	10.9	3.2	2.5	200
08330002-5041	4.0	230	11.9	4.1	3.0	250
08342761-2041	5.0	230	15.0	4.6	4.0	325

Flo-Master XP2e Series, 60Hz, 56 Frame

- Booster jet pumps
- 2" intake & discharge
- Flow rate 170-260 GPM
- 56 frame motor

Dual-speed, 2" intake & discharge

Part No.	hp	Volts	A (High)	A (Low)	OP.HP	Hi-Flo GPM
05320761-2040	3.0	230	8.9	4.7	2.0	170
05340009-5040	5.0	230	14.0	4.5	4.0	260

Dual-speed, 2 ½" intake & 2.0" discharge

Part No.	hp	Volts	A (High)	A (Low)	OP.HP	Hi-Flo GPM
05320762-5040	3.0	230	8.9	4.7	2.0	170
05340011-5040	5.0	230	14.0	4.5	4.0	260

Flo-Master XP2 Series, 60Hz, 48 Frame

- Booster jet pumps
- 2" intake & discharge
- Dual-speed
- Flow rate 125-180 GPM
- 48 frame motor

Dual-speed, 2" intake & discharge

Part No.	hp	Volts	A (High)	A (Low)	OP.HP	Hi-Flo GPM
06610006-2040	1.5	115	10.5	3.2	1.0	115
06115000-1040	2.0	115	12.8	3.9	1.5	125
06115517-2040	2.0	230	7.3	2.0	1.5	125
06120500-2040	3.0	230	8.5	2.6	2.0	150
06125000-1040	4.0	230	9.5	3.0	2.5	180

Flo-Master Series, 60Hz, 48 Frame

- Booster jet pumps
- 1 ½" intake & discharge
- Dual-speed
- Flow rate 60-130 GPM
- 48 frame motor

Center discharge, dual-speed, 1 ½" intake & discharge

Part No.	hp	Volts	A (High)	A (Low)	OP.HP	Hi-Flow GPM
02610000-1010	1.5	115	9.0	3.2	1.0	80
02615000-1010	2.0	115	13.3	3.9	1.5	100
02615005-1010	2.0	230	7.5	2.0	1.5	100

Side discharge, dual-speed, 1 ½" intake & discharge

Part No.	hp	Volts	A (High)	A (Low)	OP.HP	Hi-Flow GPM
02107000-1010	1.0	115	8.2	3.0	0.75	65
02110000-1010	1.5	115	9.0	3.2	1.0	85
02115000-1010	2.0	115	13.3	3.9	1.5	105
02115005-1010	2.0	230	n/a	n/a	1.5	105
02120000-1010	3.0	230	9.7	6.6	2.0	130

Circ-Master Series

- Ideal 24/7 circ pump apps.
- Intake & discharge
  - CMHP & CP: 1 ½"
  - CMXP: 2"
- Single-speed pump
- Flow rate 25-45 GPM
- 48 frame motor

Center discharge, single-speed, 1 ½" intake & discharge

Part No.	hp	Volts	A	OP.HP	Flow (GPM)
02593000-2010	1/8	115	1.2	1/15	40
02593001-2010	1/8	230	0.65	1/15	40

Side discharge, single-speed, 1 ½" intake & discharge

Part No.	hp	Volts	A	OP.HP	Flow (GPM)
02093000-2010	1/8	115	1.2	1/15	40
02093001-2010	1/8	230	0.65	1/15	40

Side discharge, single-speed, 2" intake & discharge

Part No.	hp	Volts	A	OP.HP	Flow (GPM)
06093000-2000	1/8	230	0.7	1/12	50

Every pump comes with 2 compression fittings & without cord. Except for CMXP that come with a 5 ft (1.5 m) 18/3 AMP-4P cord.

Flo-Master XP3

XP3 **Flo-Master XP3**
the power behind the performance of your spa

- Booster jet pumps
- Ideal for swim spas and high-flow requirements
- Dual-speed
- Flow rate up to 350 GPM
- 56 frame motor
- 2.5" intake and discharge
- Seal: Viton

Viton seal inside!

Dimension and Performance Curves XP3
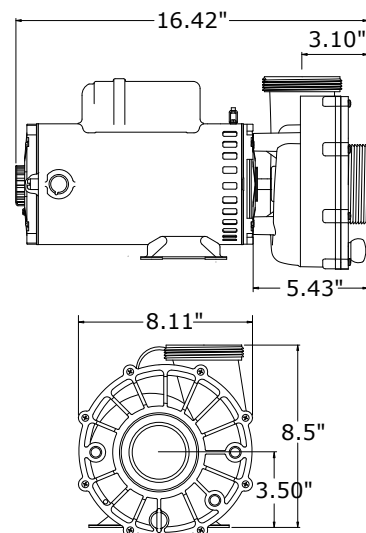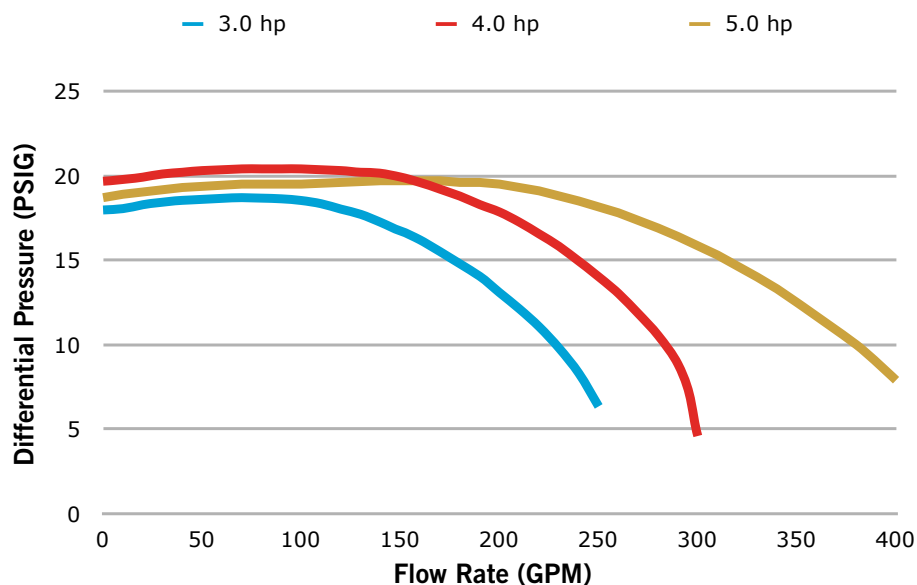
Flo-Master XP3 Series, 60Hz, 56 Frame

Dual-speed, 2 ½" intake & discharge						
Part No.	hp	Volts	A (High)	A (Low)	OP.HP*	Hi-Flow GPM
08326000-2041	3.0	230	10.9	3.2	2.5	200
08330002-5041	4.0	230	11.9	4.1	3.0	250
08342761-2041	5.0	230	15.0	4.6	4.0	325

Every pump comes with 2 compression fittings & without cord.

* OP.HP refers to operational duty horsepower.

Flo-Master XP3 exploded view

Compression fitting
52202250

XP3 impeller 2.5 OP.HP
91698250
XP3 impeller 3.0 OP.HP
91698300
XP3 impeller 4.0 OP.HP
91698400

XP3 volute 48/56 frame*

Seal replacement for XP3
92500171 (Universeal)

Wear ring flanged for XP3
92830080

O-ring for XP3 volute
92200310

Suction cover for XP3 2 1/2"*

O-ring for drain plug
92200060

Drain plug 1/4" for XP3
92290070

Screw 5/8"
99730050

O-ring 234
92200220

* Covers and volutes not available separately. A complete wet end replacement is required.

	Part No.	OP.HP**
Flo-Master XP3 Wet Ends 48FR/56FR, 2 ½" intake & 2 ½" side discharge		
	91042125-000	2.5
	91042130-000	3.0
	91042140-000	4.0

** OP.HP refers to operational duty horsepower.

Flo-Master XP2e

XP2e

Flo-Master XP2e
greater flow-rates with overall energy efficiency

- Booster jet pumps
- Ideal for multi-jet applications
- Dual-speed
- Flow rate up to 280 GPM
- 56 frame motor
- 2" intake and discharge
- Seal: Viton

Viton seal inside!

Dimension and Performance Curves FM-XP2e
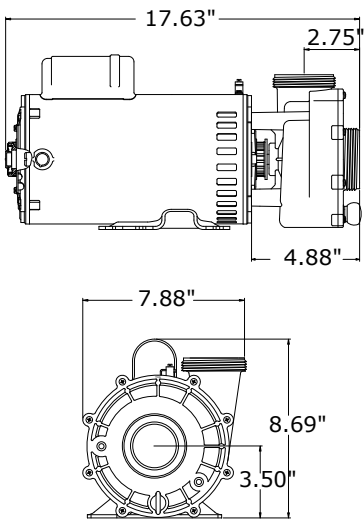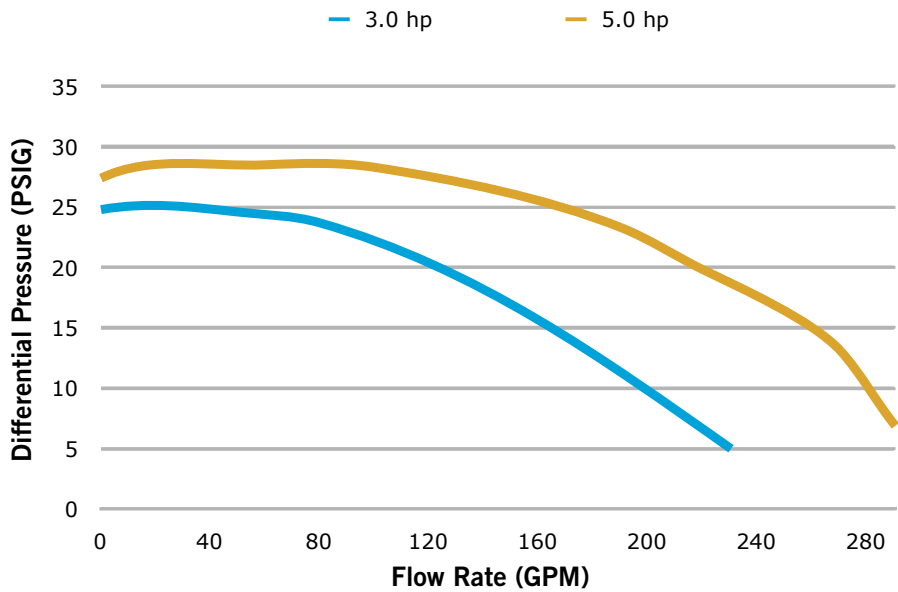
— 3.0 hp   — 5.0 hp

Differential Pressure (PSIG) vs Flow Rate (GPM)

17.63"
2.75"
4.88"
7.88"
8.69"
3.50"

Flo-Master XP2e Series, 60Hz, 56 Frame

Dual-speed, 2" intake & discharge						
Part No.	hp	Volts	A (High)	A (Low)	OP.HP*	Hi-Flow GPM
05320761-2040	3.0	230	8.9	4.7	2.0	170
05340009-5040	5.0	230	14.0	4.5	4.0	260

Dual-speed, 2.5" intake & 2" discharge						
Part No.	hp	Volts	A (High)	A (Low)	OP.HP*	Hi-Flow GPM
05320762-5040	3.0	230	8.9	4.7	2.0	170
05340011-5040	5.0	230	14.0	4.5	4.0	260

Every pump comes with 2 compression fittings & without cord.

* OP.HP refers to operational duty horsepower.

Aqua-Flo Pumps for Spas

Flo-Master XP2e

Flo-Master XP2e exploded view

Compression fitting for XP2e
52272000 (bag of 2 pcs)

XP2e impeller 1.5 OP.HP
91695150
XP2e impeller 2.0 OP.HP
91695200
XP2e impeller 2.5 OP.HP
91695250
XP2e impeller 3.0 OP.HP
91695317*
XP2e impeller 4.0 OP.HP
91695401

Volute**

Seal replacement
92500171 (Universeal)

Wear ring flanged for XP2e
92830080*

O-ring for XP2e volute
92200301

Suction cover for XP2e**

O-ring for drain plug
92200060

Drain plug 1/4" for XP2e
92290070

Screw 5/8"
99730050

O-ring 230 for XP2e
92200210

Tail piece fitting 2"
91431200

Union fitting nut 2"
91431150

*   3.0 OP.HP impeller **91695317** needs a specific Wear ring **92830081**
** Covers and volutes not available separately. A complete wet end replacement is required.

Flo-Master XP2e Wet Ends 48FR, 2" intake & side discharge

Part No.	OP.HP***
91041608-000	1.0
91041815-000	1.5
91041820-000	2.0
91041825-000	2.5
91041830-000	3.0
91041613-000	4.0

Flo-Master XP2e Wet Ends 56FR, 2" intake & side discharge

Part No.	OP.HP***
91041915-000	1.5
91041920-000	2.0
91041925-000	2.5
91041930-000	3.0
91041940-000	4.0

Flo-Master XP2e Wet Ends 56FR, 2.5" intake & 2" side discharge

Part No.	OP.HP***
91041922-060	2.0
91041932-060	3.0
91041942-060	4.0

*** OP.HP refers to operational duty horsepower.

Aqua-Flo Pumps for Spas

Flo-Master XP2

XP2

Flo-Master XP2
high performance pump

- Booster jet pumps
- Dual-speed
- Flow rate up to 225 GPM
- 48 frame motor
- 2" intake and discharge
- Seal: Viton

Viton seal inside!

Dimension and Performance Curves XP2
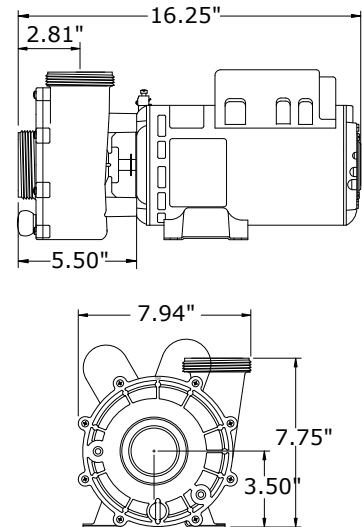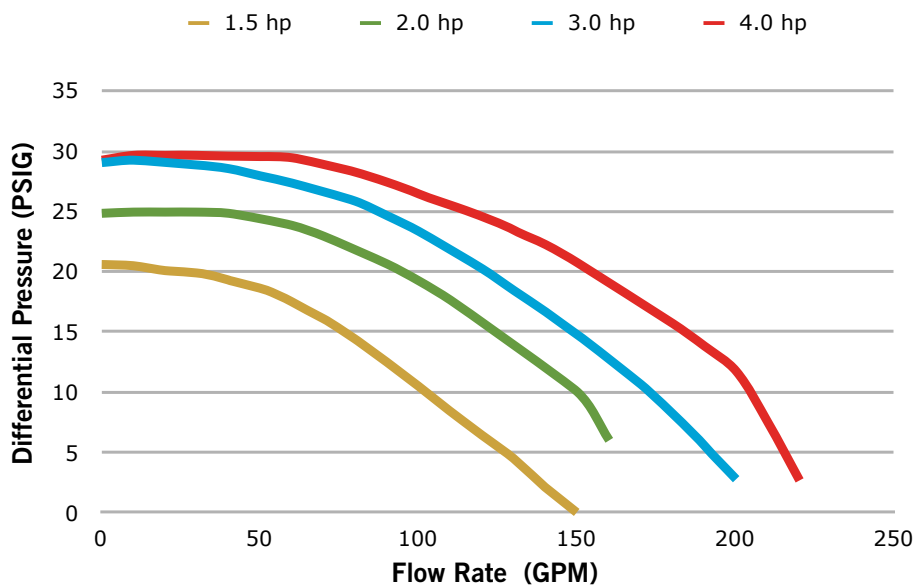
Flo-Master XP2 Series, 60Hz, 48 frame

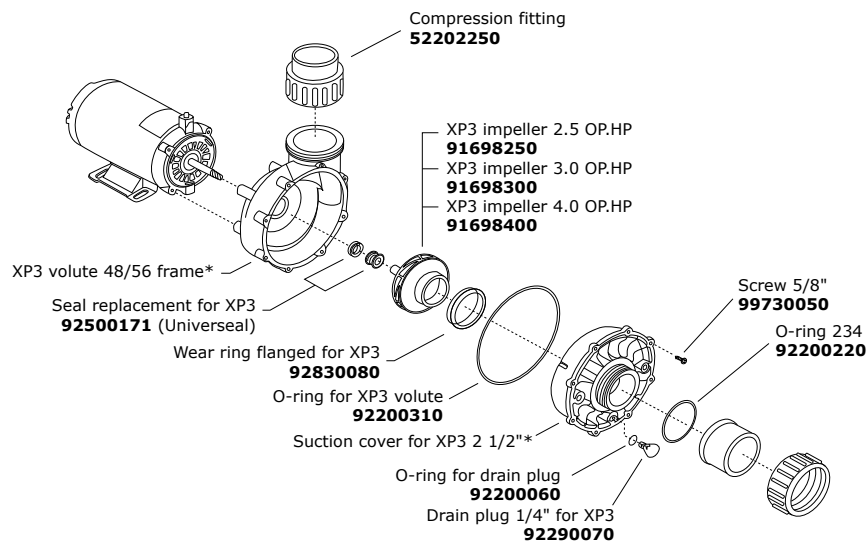| Dual-speed, 2" intake & discharge						
Part No.	hp	Volts	A (High)	A (Low)	OP.HP*	Hi-Flow GPM
06610006-2040	1.5	115	10.5	3.2	1.0	115
06115000-1040	2.0	115	12.8	3.9	1.5	125
06115517-2040	2.0	230	7.3	2.0	1.5	125
06120500-2040	3.0	230	8.5	2.6	2.0	150
06125000-1040	4.0	230	9.5	3.0	2.5	180

Every pump comes with 2 compression fittings & without cord.

* OP.HP refers to operational duty horsepower.

Flo-Master XP2 exploded view

Compression fitting for XP2
52272000 (Bag of 2 pcs)

XP2 Impeller 1.0 OP.HP
91694110
XP2 Impeller 1.5 OP.HP
91694150
XP2 Impeller 2.0 OP.HP
91694200
XP2 Impeller 2.5 OP.HP
91694251
XP2 Impeller 3.0 OP.HP
91694300
XP2 Impeller 4.0 OP.HP
91694400

Volute*

Seal replacement for XP2
92500171 (Universeal)

Wear ring flanged for XP2
92830070

O-ring For XP2 volute
92200301

Suction cover for XP2*

O-ring for drain plug
92200060

Drain plug 1/4" for XP2
92290070

Screw 5/8"
99730050

O-ring 230 for XP2
92200210

Tail piece fitting 2"
91431200

Union fitting nut 2"
91431150

Compression fitting
for XP2 (Bag of 2)
52272000

* Covers and volutes not available separately. A complete wet end replacement is required.

Flo-Master XP2 Wet Ends 48FR, 2" intake & side discharge	
Part No.	OP.HP**
91041608-000	1.0
91041815-000	1.5
91041820-000	2.0
91041825-000	2.5
91041830-000	3.0
91041613-000	4.0

Flo-Master XP2 Wet Ends 56FR, 2" intake & side discharge	
Part No.	OP.HP**
91041915-000	1.5
91041920-000	2.0
91041925-000	2.5
91041930-000	3.0
91041940-000	4.0

Flo-Master XP2 Wet Ends 56FR, 2.5" intake & 2" side discharge	
Part No.	OP.HP**
91041922-060	2.0
91041932-060	3.0
91041942-060	4.0

** OP.HP refers to operational duty horsepower.

Aqua-Flo Pumps for Spas

Flo-Master HP & CP

FM HP/CP

Flo-Master HP & CP
high performance pumps for portable spas and hot tubs

- Booster jet pumps
- Dual-speed
- Flow rate up to 130 GPM
- 48 frame motor
- 1 ½" intake and discharge
- Wet end available in center or side discharge configuration
- Seal: Viton

Viton seal inside!

Dimension and Performance Curves Flo-Master HP & CP
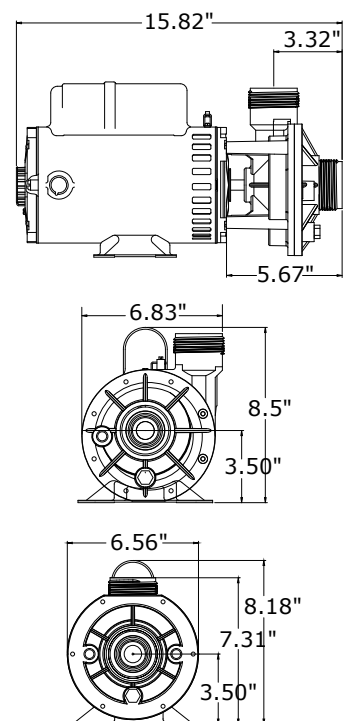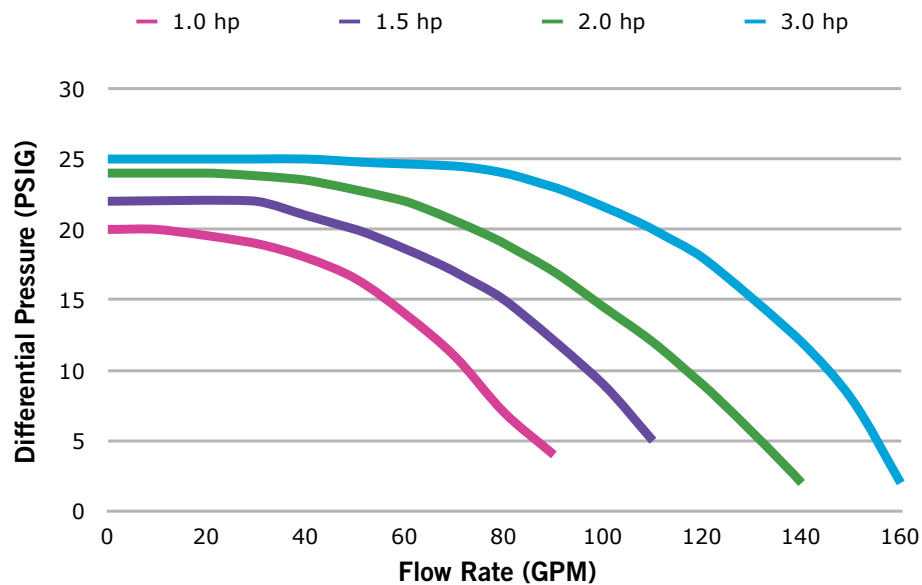
Flo-Master Series, 60Hz, 48 Frame

Center discharge, Dual-speed, 1 ½" intake & discharge						
Part No.	hp	Volts	A (High)	A (Low)	OP.HP*	Hi-Flow GPM
02610000-1010	1.5	115	9.0	3.2	1.0	80
02615000-1010	2.0	115	13.3	3.9	1.5	100
02615005-1010	2.0	230	7.5	2.0	1.5	100

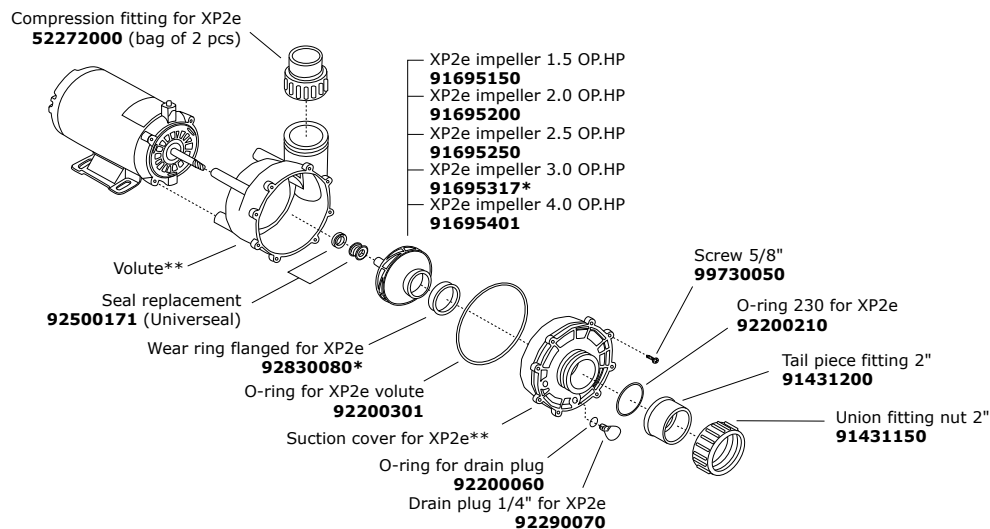| Side discharge, Dual-speed, 1 ½" intake & discharge						
Part No.	hp	Volts	A (High)	A (Low)	OP.HP*	Hi-Flow GPM
02107000-1010	1.0	115	8.2	3.0	0.75	60
02110000-1010	1.5	115	9.0	3.2	1.0	85
02115000-1010	2.0	115	13.3	3.9	1.5	105
02115005-1010	2.0	230	n/a	n/a	1.5	105
02120000-1010	3.0	230	9.7	3.2	2.0	130

Every pump comes with 2 compression fittings & without cord.

* OP.HP refers to operational duty horsepower.

Flo-Master HP & CP

Flo-Master HP & CP exploded view

Compression fitting 1 1/2"
52271000

Impeller 1/2 OP.HP
91693501
Impeller 3/4 OP.HP
91693551
Impeller 1.0 OP.HP
91693601
Impeller 1.5 OP.HP
91693651
Impeller 2.0 OP.HP
91693700

or

Volute*

Seal replacement
92500171 (Universeal)

O-ring for volute FMHP **92200090**
O-ring for volute FMCP **92200270**

Suction cover*

O-ring for drain plug
92200120

Drain plug 1/4"
92290015

Wear ring
92830062

Screw 5/8"
99730050

O-ring 226
92200141
Tail piece fitting 1 1/2"
91431050
Union fitting nut 1 1/2"
91431000

Compression fitting 1 1/2"
(Bag of 2) **52271000**

Optional: adapter with 2" compression fitting

O-ring 226 for FMCP & FMHP
92200141
Threaded adapter 1 1/2" x 2"
50100120
O-ring 230 for FMCP/HP
92200210
Tail piece fitting 2"
91431200
Union fitting nut 2"
91431150

Compression fitting 2" (CP) with threaded adapter 1 1/2" x 2"
52202100

*Covers and volutes not available separately. A complete wet end replacement is required.

Flo-Master Wet Ends 48FR, 1 ½" intake & discharge

	Part No.	OP.HP**	Discharge
	91040830-000	0.5	Center
	91040800-000	0.75	Center
	91040810-000	1.0	Center
	91040820-000	1.5	Center
	91040840-000	2.0	Center
	91040680-000	0.5	Side
	91040690-000	0.75	Side
	91040700-000	1.0	Side
	91040720-000	1.5	Side
	91040730-000	2.0	Side

** OP.HP refers to operational duty horsepower.

Aqua-Flo Pumps for Spas

Circ-Master HP, CP & XP

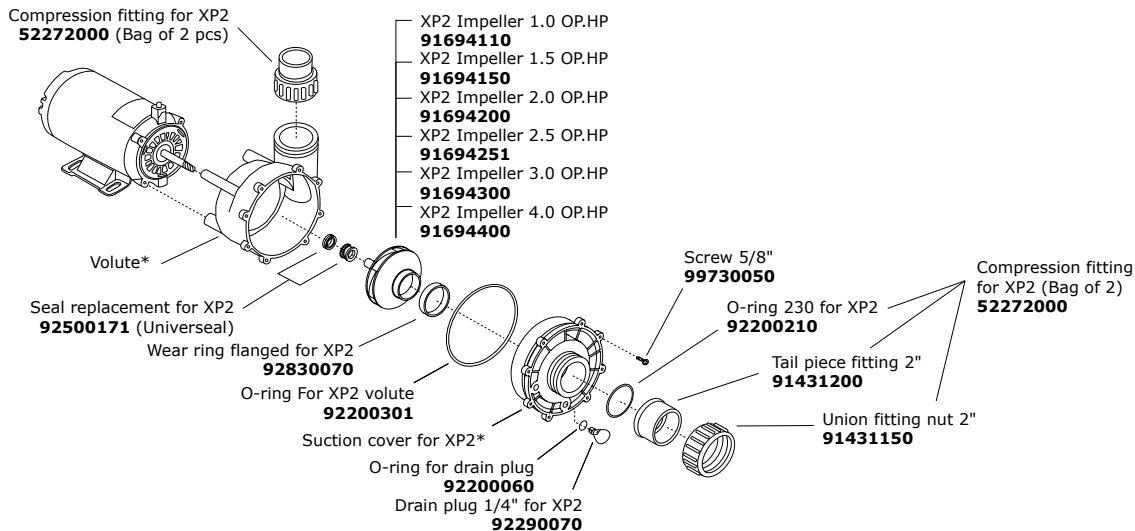**CM** Circ-Master HP, CP & XP
24-hour recirculation pumps

- Ideal for 24/7 circ pump applications
- Single speed
- Flow rate up to 50 GPM
- Intake and discharge
  - CMHP & CP: 1 ½"
  - CMXP: 2"
- Wet end available in center or side discharge configuration
- Seal: Universeal

Universeal inside!

Dimension and Performance Curves Circ-Master

Legend: — CMCP — CMHP — CMXP

X-axis: Flow Rate (GPM) — 0, 10, 20, 30, 40, 50, 60
Y-axis: Differential Pressure (PSIG) — 0, 0.75, 1.5, 2.25, 3, 3.75, 4.5

Dimensions: 12.33", 3.32", 6.56", 8.18", 7.31", 3.50", 5.67", 6.83", 8.25", 3.50", 12.17", 2.76", 7.84", 2.91", 8.31', 7.72", 3.46', 5.51"
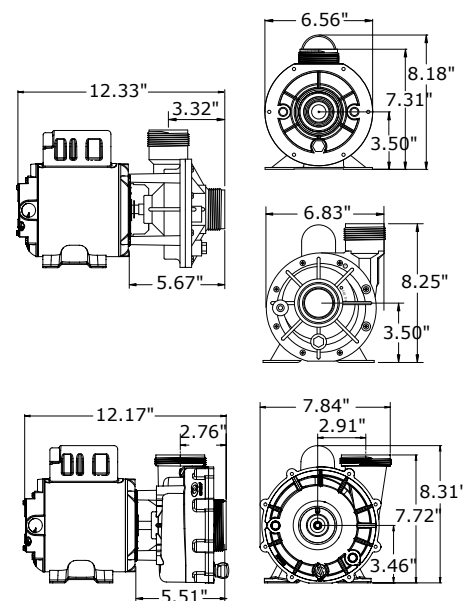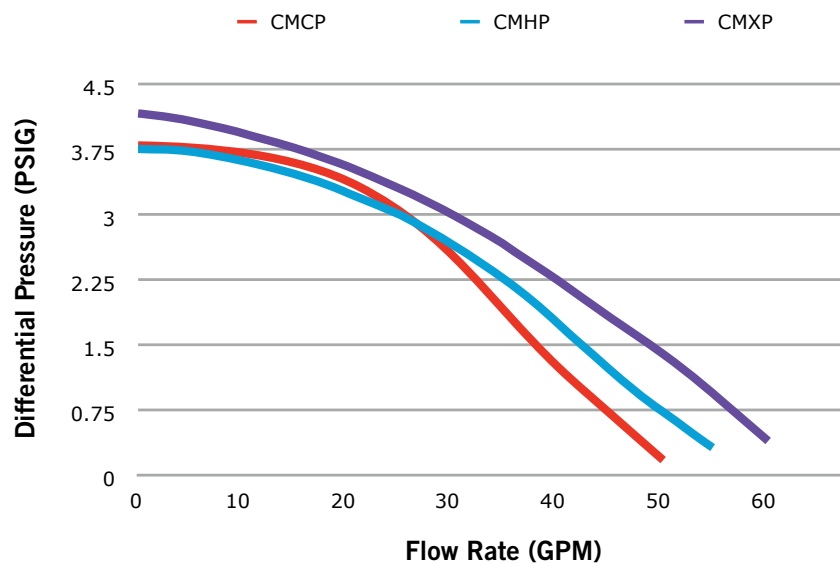
Circ-Master CP

Center discharge, single-speed, 1 ½" intake & discharge					
Part No.	hp	Volts	A	OP.HP*	Hi-Flow GPM
02593000-2010	1/8	115	1.2	1/15	35
02593001-2010	1/8	230	0.65	1/15	35

Circ-Master HP

Side discharge, single-speed, 1 ½" intake & discharge					
Part No.	hp	Volts	A	OP.HP*	Hi-Flow GPM
02093000-2010	1/8	115	1.2	1/15	40
02093001-2010	1/8	230	0.65	1/15	40

Circ-Master XP

Side discharge, single-speed, 2" intake & discharge					
Part No.	hp	Volts	A	OP.HP*	Hi-Flow GPM
06093000-2000	1/8	230	0.7	1/12	50

Every pump comes with 2 compression fittings & without cord. Except for CMXP that come with a 5 ft 18/3 AMP-4P cord.

* OP.HP refers to operational duty horsepower.

Circ-Master HP, CP & XP exploded view

Compression fitting 1 1/2" (HP/CP)
52271000 (Bag of 2 pcs)

Impeller 0.75 OP.HP
91693551
Impeller Hi-Flo 1.0 OP.HP
91693601

Volute for CMCP (center discharge)*

Replacement seal
92500171 (Universeal)

O-ring for volute CMHP **92200090**
O-ring for volute CMCP **92200270**

Wear Ring
92830062

Screw 5/8"
/**99730050**

Suction cover*

O-ring for drain plug
92200120

Drain plug 1/4"
92290015

O-ring 226
92200141

Compression fitting 1 1/2" (HP/CP)
(Bag of 2) **52271000**

Tail piece fitting 1 1/2"
91431050

Union fitting nut 1 1/2"
91431000

* Covers and volutes not available separately. A complete wet end replacement is required.

CMXP

Compression fitting for XP2
52272000 (Bag of 2 pcs)

Volute 48 frame
for XP2*

CMXP Impeller 1/12 OP.HP
91694115

Seal replacement
92500171 (Universeal)

Wear ring flanged for XP2
92830070

O-ring For XP2 volute
92200301

Suction cover for XP2*

O-ring for drain plug
92200060

Drain plug 1/4" for XP2
92290070

Screw 5/8"
99730050

Compression fitting
for XP2 (Bag of 2)
52272000

Optional: adapter with 2" compression fitting

O-ring 226
92200141

Threaded adapter 1 1/2" x 2"
50100120

O-ring 230
92200210

Tail piece fitting 2"
91431200

Union fitting nut 2"
91431150

Compression fitting 2" (HP/CP) with threaded adapter 1 1/2" x 2"
52202100

Circ-Master HP & CP Wet Ends 48FR, 1 ½" intake & discharge			
	Part No.	OP.HP**	Discharge
	91040800-000	1/15	Center
	91040690-000	1/15	Side

Circ-Master XP Wet Ends 48FR, 2" intake & discharge			
	Part No.	OP.HP**	Discharge
	91041608-000	1/12	Side

** OP.HP refers to operational duty horsepower.

Return Procedure

Need to return merchandise? Please follow our return procedure:

1 Complete the Return Form and e-mail it back to Gecko Alliance to **warranty@geckoal.com**

2 Upon reception of the Return Form, Gecko Alliance will issue a Returned Merchandise Authorization Number (RMA#) and will e-mail it back to you.

3 Please note that:
- you must write the RMA# on all boxes addressed and returned to Gecko Alliance. Any merchandise returned without an RMA# will be sent back to its sender.
- you must carefully pack the returned merchandise or you will be held responsible for any damage inccurred during transportation.

4 Send the merchandise to Gecko Alliance, freight prepaid. Please keep the waybill numbers of your shipment(s) in case the merchandise is lost and tracking is necessary.

5 Returned merchandise will be tested within a maximum of 2 weeks after receipt. If the cause of the problem is not covered by Gecko's warranty, the repair will be invoiced to you (see Warranty Statement).

6 Repaired merchandise will be returned. Products that cannot be repaired will be replaced by the same, or an equivilant, product. A service invoice is issued and mailed with each report.

Canadian customers:
Gecko Alliance Repair Center
450 des Canetons
Quebec QC G2E 5W6
Canada

For more assistance, call Gecko's Technical Support Department
at **1.800.78.GECKO** or by email at **techsupport@geckoal.com**

Low Level Configuration

in.yt

AMP ports (A1 to A4 and C1 to C3) for pumps & accessories. Functions varie per configuration (see chart below).

Direct

Main power entry connection

Heater connections

C1 - Main keypad connector

CO - Communication links (2 ports) in.touch, in.stik, Aux keypad in.k120 or Swim Spa com. cable

Light outputs (P34 always on, P35 relay controlled)

Preloaded spa configurations, ID # 0611-221031-361, Software # 361 rev 4.0
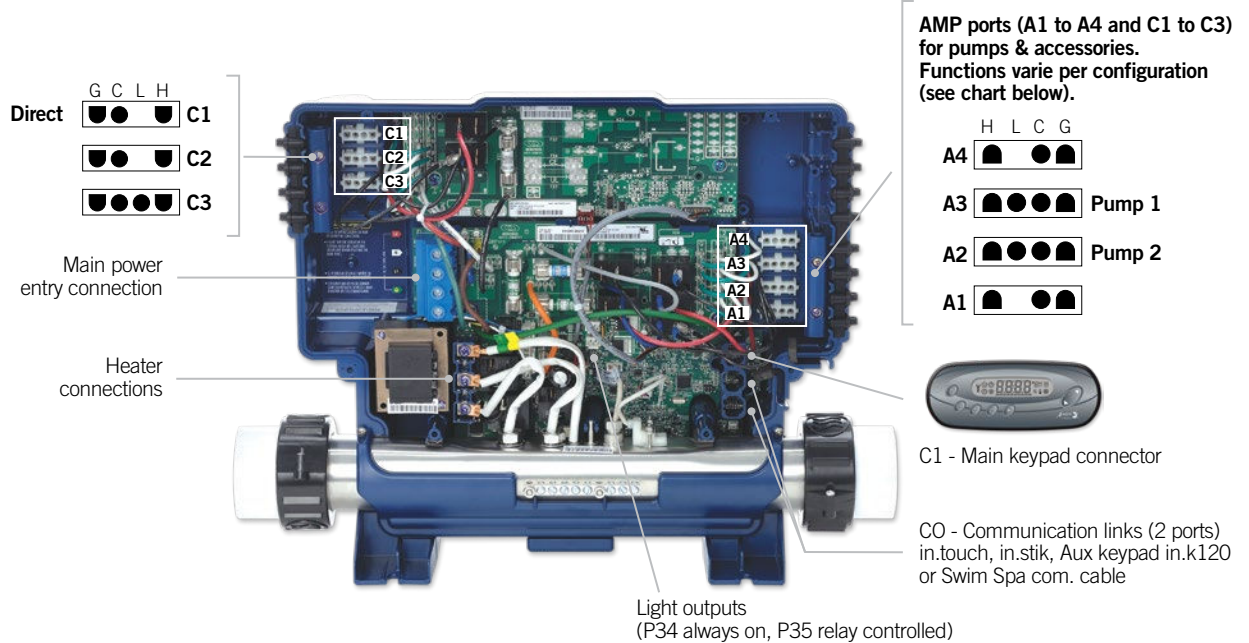
Information between ( ) indicates which AMP connector to use. See above drawing for connector's position.
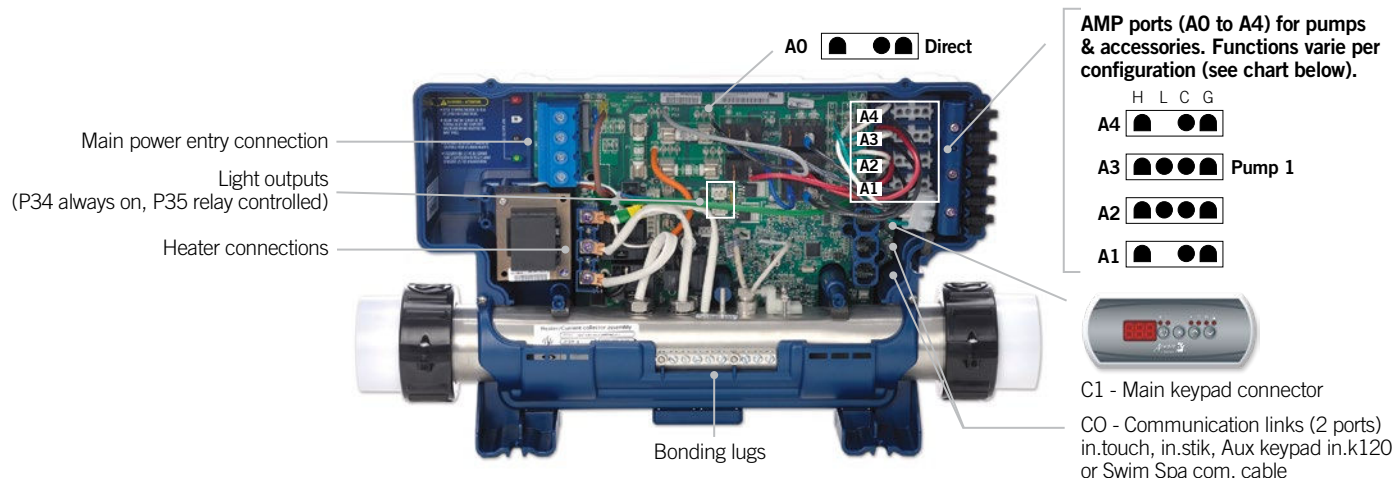
Config. #	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Blower	Circ. Pump (CP)	Ozone[1]	120 V Light	Filter Cycle (Daily)	Heater Pump
1	1sp (A3)	1sp (A2)	1sp (C3)				(C2)	(A1)		2 x 6 hours with CP	CP
2	1sp (A3)	1sp (A2)	1sp (C3)			(A4)	(C2)	(A1)		2 x 6 hours with CP	CP
3	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)			(C2)	(A1)		2 x 6 hours with CP	CP
4	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)		(A1)	(C2)	(K2-P tab)[2]		2 x 6 hours with CP	CP
5	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)		(C2)	(K2-P tab)[2]		2 x 6 hours with CP	CP
6	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)	(K2-P tab)[2]	(C2)			2 x 6 hours with CP	CP
7	2sp (A3)	1sp (A2)	1sp (C3)					(A1)		2 x 2 hours with P1L	Pump 1
8	2sp (A3)	1sp (A2)	1sp (C3)			(A4)		(A1)		2 x 2 hours with P1L	Pump 1
9	2sp (A3)	1sp (A2)	1sp (C3)				(C2)	(A1)		2 x 6 hours with CP	CP
10	2sp (A3)	1sp (A2)	1sp (C3)			(A4)	(C2)	(A1)		2 x 6 hours with CP	CP
11	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)				(A1)		2 x 2 hours with P1L	Pump 1
12	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)		(C2)		(A1)		2 x 2 hours with P1L	Pump 1
13	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)			(C2)	(A1)		2 x 6 hours with CP	CP
14	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)		(A1)	(C2)			2 x 6 hours with CP	CP
15	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)			(C2)		2 x 2 hours with P1L	Pump 1
16	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)	(C2)				2 x 2 hours with P1L	Pump 1
17	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)		(C2)			2 x 6 hours with CP	CP
18	2sp (A3)	2sp (A2)	1sp (C3)					(A1)		2 x 2 hours with P1L	Pump 1
19	2sp (A3)	2sp (A2)	1sp (C3)				(C2)	(A1)		2 x 2 hours with P1L	Pump 1
20	2sp (A3)	2sp (A2)	1sp (C3)				(C2)	(A1)		2 x 6 hours with CP	CP
21	2sp (A3)	2sp (A2)	1sp (C3)			(A1)	(C2)			2 x 6 hours with CP	CP
22	2sp (A3)	2sp (A2)	2sp (C3)					(A1)		2 x 2 hours with P1L	Pump 1
23	2sp (A3)	2sp (A2)	2sp (C3)			(A1)				2 x 2 hours with P1L	Pump 1
24	2sp (A3)	2sp (A2)	2sp (C3)				(A1)			2 x 6 hours with CP	CP
25	2sp (A3)	1sp (A2)						(A1)	(A4)	2 x 2 hours with P1L	Pump 1
26	2sp (A3)	1sp (A2)				(C3)		(A1)	(A4)	2 x 2 hours with P1L	Pump 1
27	2sp (A3)	1sp (A2)					(C2)	(A1)	(A4)	2 x 6 hours with CP	CP
28	2sp (A3)	1sp (A2)				(C3)	(C2)	(A1)	(A4)	2 x 6 hours with CP	CP
29	2sp (A3)	2sp (A2)						(A1)	(C2)	2 x 2 hours with P1L	Pump 1
30	2sp (A3)	2sp (A2)				(C3)		(A1)	(C2)	2 x 2 hours with P1L	Pump 1

Note 1: When the Ozonator is not controlled by a relay, it can be tied to Pump 1 Low speed or Circ. Pump using AMP cable 9920-401369.
Note 2: This accessory does not have its own AMP connector. Wire an extra AMP connector 9920-401346 (not supplied) as follows: Black wire to P43 tab on the board, Green to any G tabs and white to any N tabs for 120 V accessory or any L2 tabs for 240 V.

Low Level Configuration

in.ye

A0 ▮ ● ●▮ Direct

Main power entry connection

Light outputs
(P34 always on, P35 relay controlled)

Heater connections

Bonding lugs

AMP ports (A0 to A4) for pumps & accessories. Functions varie per configuration (see chart below).

H   L   C   G
A4 ▮ ● ●▮
A3 ▮▮▮▮ Pump 1
A2 ▮▮▮▮
A1 ▮ ● ●▮

C1 - Main keypad connector

C0 - Communication links (2 ports)
in.touch, in.stik, Aux keypad in.k120
or Swim Spa com. cable

Preloaded spa configurations, ID # 0610-221046-355, Software # 355 rev 4.0

Information between ( ) indicates which AMP connector to use. See above drawing for connector's position.

Config. #	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Blower	Circ. Pump (CP)	Ozone[1]	Filter Cycle (Daily)	Heater Pump
1	2 sp (A3)							(A1)	2 x 2 hours with P1L	Pump 1
2	2 sp (A3)						(A1)	(A4)	2 x 6 hours with CP	CP
3	2 sp (A3)	1 sp (A2)						(A1)	2 x 2 hours with P1L	Pump 1
4	2 sp (A3)	1 sp (A2)					(A1)	(A4)	2 x 6 hours with CP	CP
5	2 sp (A3)					(A4)		(A1)	2 x 2 hours with P1L	Pump 1
6	2 sp (A3)					(A4)	(A1)	(A2)	2 x 6 hours with CP	CP
7[4]	2 sp (A3)	1 sp (A2)				(A4)		(A1)	2 x 2 hours with P1L	Pump 1
8	2 sp (A3)	1 sp (A2)				(A4)	(A1)		2 x 6 hours with CP	CP
9	2 sp (A3)	2 sp (A2)						(A1)	2 x 2 hours with P1L	Pump 1
10	2 sp (A3)	2 sp (A2)					(A1)		2 x 6 hours with CP	CP
11	2 sp (A3)	2 sp (A2)				(A1)			2 x 2 hours with P1L	Pump 1
12	2 sp (A3)	2 sp (A2)				(A1)	(A0)[2]		2 purges, CP always on	CP
13	2 sp (A3)	1 sp (A2)	1sp (A4)					(A1)	2 x 2 hours with P1L	Pump 1
14	2 sp (A3)	1 sp (A2)	1sp (A4)				(A1)		2 x 6 hours with CP	CP
15	2 sp (A3)	1 sp (A2)	1sp (A4)			(A1)			2 x 2 hours with P1L	Pump 1
16	2 sp (A3)	1 sp (A2)	1sp (A4)			(A1)	(A0)[2]		2 purges, CP always on	CP
17	2 sp (A3)	2 sp (A2)	1sp (A1)						2 x 2 hours with P1L	Pump 1
18	1 sp (A3)						(A1)	(A4)	2 x 6 hours with CP	CP
19	1 sp (A3)	1 sp (A2)					(A1)	(A4)	2 x 6 hours with CP	CP
20	1 sp (A3)	1 sp (A2)	1 sp (A4)				(A1)	(P43 tab)[3]	2 x 6 hours with CP	CP
21	1 sp (A3)	1 sp (A2)	1 sp (A4)	1 sp (A1)			(A0)[2]	(P43 tab)[3]	2 purges, CP always on	CP
Swim Spa										
51	1 sp Master (A3)	1 sp Master (A2)	1 sp Slave (A3)	1 sp Slave (A2)		Slave (A4)	Master (A4)	Master (A1)	2 x 6 hours with CP	CP
52	2 sp Master (A3)	1 sp Master (A2)	1 sp Slave (A3)	1 sp Slave (A2)		Slave (A4)		Master (A1)	2 x 2 hours with P1L	Pump 1
53	1 sp Master (A3)	1 sp Master (A2)	1 sp Slave (A3)	1 sp Slave (A2)	1 sp Slave (A1)	Slave (A4)	Master (A4)	Master (A1)	2 x 6 hours with CP	CP
54	2 sp Master (A3)	1 sp Master (A2)	1 sp Slave (A3)	1 sp Slave (A2)	1 sp Slave (A1)	Slave (A4)		Master (A1)	2 x 2 hours with P1L	Pump 1

Preloaded spa configurations, ID # 0610-221066-363, Software # 363 rev 5.0

Information between ( ) indicates which AMP connector to use. See above drawing for connector's position.

Config. #	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Blower	DIRECT 1	DIRECT 2	Ozone[5]	Filter Cycle (Daily)	Heater Pump
1	2 sp (A3)						(A0)		(A1)	2 x 2 hours with P1L	Pump 1
2	2 sp (A3)	1 sp (A2)					(A0)		(A1)	2 x 2 hours with P1L	Pump 1
3	2 sp (A3)					(A4)	(A0)		(A1)	2 x 2 hours with P1L	Pump 1
4	2 sp (A3)	1 sp (A2)				(A4)	(A0)		(A1)	2 x 2 hours with P1L	Pump 1
5	2 sp (A3)	2 sp (A2)					(A0)		(A1)	2 x 2 hours with P1L	Pump 1
6	2 sp (A3)	2 sp (A2)				(A1)	(A0)			2 x 2 hours with P1L	Pump 1
7	2 sp (A3)	1 sp (A2)	1 sp (A4)				(A0)		(A1)	2 x 2 hours with P1L	Pump 1
8	2 sp (A3)	1 sp (A2)	1 sp (A4)			(A1)	(A0)			2 x 2 hours with P1L	Pump 1
9	2 sp (A3)	2 sp (A2)	1 sp (A1)				(A0)			2 x 2 hours with P1L	Pump 1
Swim Spa											
51	2 sp Master (A3)	1 sp Master (A2)	1 sp Slave (A3)	1 sp Slave (A2)		Slave (A4)	Master (A0)	Slave (A0)	Master (A1)	2 x 2 hours with P1L	Pump 1
52	2 sp Master (A3)	1 sp Master (A2)	1 sp Slave (A3)	1 sp Slave (A2)	1 sp Slave (A1)	Slave (A4)	Master (A0)	Slave (A0)	Master (A1)	2 x 2 hours with P1L	Pump 1

Note 1: When the Ozonator is not controlled by a relay, it can be tied to Pump 1 Low speed or Circ. Pump using cable AMP 9920-401369.
Note 2: Circ. pump is connected to a Direct fused outlet. Pump will always be on and may overheat if oversized pump is used.
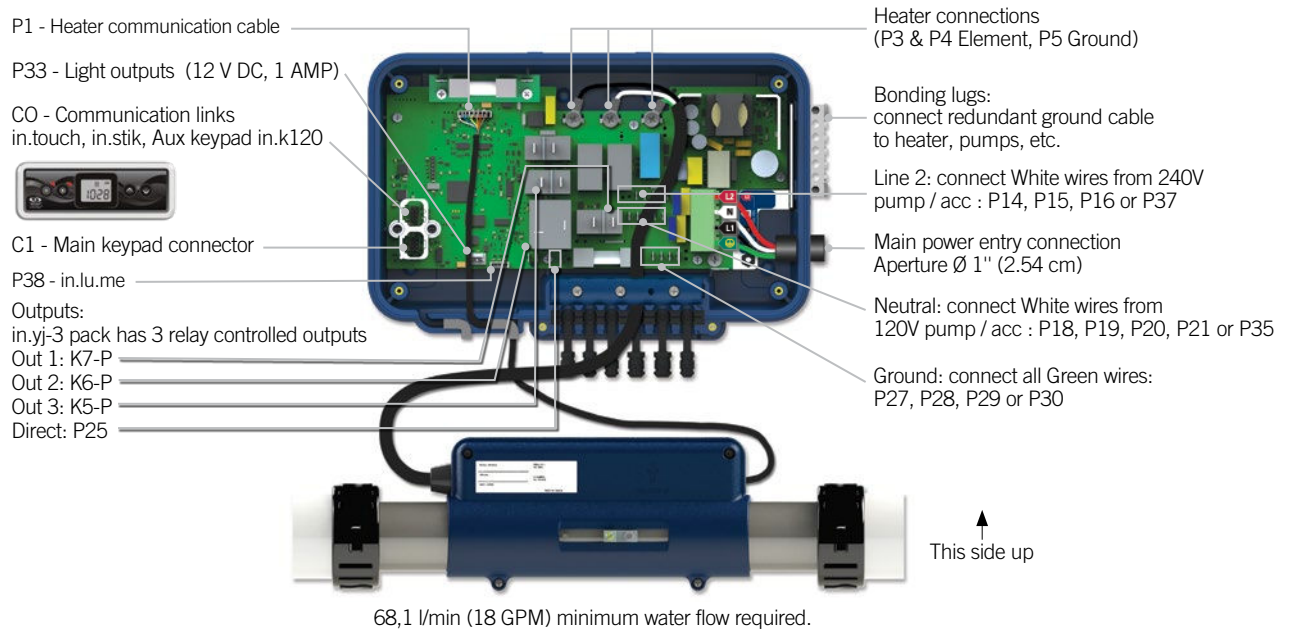**Note 3:** This accessory does not have its own AMP connector. Rewire A0 if not used or order extra AMP connector 9920-401346 (Black wire to P43 tab on the board, Green to any G tabs and white to any N tabs for 120 V accessory or any L2 tabs for 240 V).
Note 4: Configuration 7 is preselected from factory.
Note 5: When the Ozonator is not controlled by a relay, it can be tied to Pump 1 Low speed or Circ. Pump.

Low Level Configuration

in.yj

P1 - Heater communication cable

P33 - Light outputs (12 V DC, 1 AMP)

CO - Communication links
in.touch, in.stik, Aux keypad in.k120

C1 - Main keypad connector

P38 - in.lu.me

Outputs:
in.yj-3 pack has 3 relay controlled outputs
Out 1: K7-P
Out 2: K6-P
Out 3: K5-P
Direct: P25

Heater connections
(P3 & P4 Element, P5 Ground)

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

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

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

Neutral: connect White wires from
120V pump / acc : P18, P19, P20, P21 or P35

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

This side up

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

By default, this pack runs on Low level 1. Pump 1 dual speed, a 12 V light and a 4kW heater at 240 V.

Preloaded spa configurations, in.yj-3 relays, ID # 0612-221041-431, Software # 431 rev 1.0
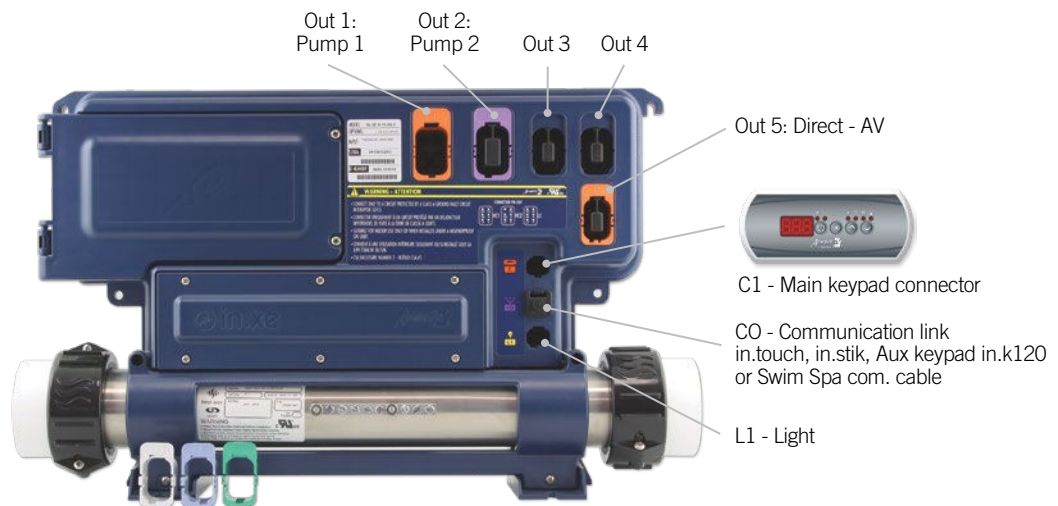
Information between ( ) indicates which connector/tab to use. See above drawing for connector's position.

Config. #	Pump 1	Pump 2	Blower	Circ. Pump (CP)	Ozone	Filter Cycle (Daily)	Heater Pump
1	2 sp (High: K7-P, Low: K6-P)				(K5-P)	2 x 1 hour with P1	Pump 1
2	1 sp (K7-P)				(K6-P)	2 x 1 hour with P1	Pump 1
3	1 sp (K7-P)	1sp (K6-P)			(K5-P)	2 x 1 hour with P1	Pump 1
4	1 sp (K7-P)			(K6-P)	(K5-P)	2 x 6 hours with CP	CP
5	2 sp (High: K7-P, Low: K6-P)			(K5-P)		2 x 6 hours with CP	CP
6	1 sp (K7-P)	1sp (K5-P)		(K6-P)		2 x 6 hours with CP	CP
7	1 sp (K7-P)			(K5-P)	(K6-P)	2 x 6 hours with CP	CP
8	2 sp (High: K7-P, Low: K6-P)	1sp (K5-P)				2 x 1 hour with P1	Pump 1
9	2 sp (High: K7-P, Low: K6-P)		(K5-P)			2 x 1 hour with P1	Pump 1
10	2 sp (High: K7-P, Low: K6-P)	1sp (K5-P)		(P25)[1]		2 x day purge	CP
11	2 sp (High: K7-P, Low: K6-P)		(K5-P)	(P25)[1]		2 x 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).

Low Level Configuration

in.xe

Out 1: Pump 1
Out 2: Pump 2
Out 3
Out 4
Out 5: Direct - AV

C1 - Main keypad connector

CO - Communication link
in.touch, in.stik, Aux keypad in.k120
or Swim Spa com. cable

L1 - Light

Don't forget the voltage is determined by the cable used (120 or 240V cable)!

Preloaded spa configurations, ID # 0602-221063-299, Software # 299 rev 3.0

Information between ( ) indicates which in.link port to use. See above drawing for port's position.

Config.#	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Blower	Circ.Pump (CP)	Ozone[1]	Filter Cycle (Daily)	Heater Pump
1	2 sp (Out 1)							(Out 4)	2 x 2 hours with P1	P1
2	2 sp (Out 1)						(Out 3)	(Out 4)	2 x 6 hours with CP	CP
3	2 sp (Out 1)	1 sp (Out 2)						(Out 4)	2 x 2 hours with P1	P1
4	2 sp (Out 1)	1 sp (Out 2)					(Out 3)	(Out 4)	2 x 6 hours with CP	CP
5	2 sp (Out 1)					(Out 3)		(Out 4)	2 x 2 hours with P1	P1
6	2 sp (Out 1)					(Out 3)	(Out 4)		2 x 6 hours with CP	CP
7	2 sp (Out 1)	1 sp (Out 2)				(Out 3)		(Out 4)	2 x 2 hours with P1	P1
8	2 sp (Out 1)	1 sp (Out 2)				(Out 3)	(Out 4)		2 x 6 hours with CP	CP
9	1 sp (Out 1)						(Out 3)	(Out 4)	2 x 6 hours with CP	CP
10	1 sp (Out 1)	1 sp (Out 2)					(Out 3)	(Out 4)	2 x 6 hours with CP	CP
11	1 sp (Out 1)	1 sp (Out 2)					(Out 3)	(Out 4)	2 x 6 hours with CP	CP
12	1 sp (Out 1)	1 sp (Out 2)						(Out 4)	2 x 2 hours with P1	P1
13	1 sp (Out 1)	1 sp (Out 2)				(Out 3)		(Out 4)	2 x 2 hours with P1	P1
14	2 sp (Out 1)	1 sp (Out 2)				(Out 3)	(Out 4)		2 x 6 hours with CP	P1

Swim Spa

Config.#	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Blower	Circ.Pump (CP)	Ozone[1]	Filter Cycle (Daily)	Heater Pump
51	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)	1 sp (Slave Out 2)			(Master Out 3)	(Master Out 4)	2 x 6 hours with CP	CP
52	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)	1 sp (Slave Out 2)				(Master Out 4)	2 x 2 hours with P1	P1
53	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)	1 sp (Slave Out 2)		1 sp (Slave Out 3)	(Master Out 3)	(Master Out 4)	2 x 6 hours with CP	CP
54	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)	1 sp (Slave Out 2)	1 sp (Slave Out 3)			(Master Out 4)	2 x 2 hours with P1	P1
55	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)				(Master Out 3)	(Master Out 4)	2 x 6 hours with CP	CP
56	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)					(Master Out 4)	2 x 2 hours with P1	P1
57	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)			1 sp (Slave Out 3)	(Master Out 3)	(Master Out 4)	2 x 6 hours with CP	CP
58	2 sp (Master Out 1)	1 sp (Master Out 2)	1 sp (Slave Out 1)		1 sp (Slave Out 3)			(Master Out 4)	2 x 2 hours with P1	P1
59[2]	2 sp (Master Out 2)	1 sp (Master Out 1)	1 sp (Slave Out 1)	1 sp (Slave Out 1)	1 sp (Slave Out 2)		(Master Out 3)	(Master Out 4)	2 x 6 hours with CP	CP

Preloaded spa configurations, ID # 0602-221066-300, Software # 300 rev 3.0

Information between ( ) indicates which in.link port to use. See above drawing for port's position.

Config. #	Pump 1	Pump 2	Blower	Circ. Pump (CP)	Ozone[1]	Filter Cycle (Daily)	Heater Pump
1	2 sp (Out 1)				(Out 4)	2 x 2 hours with P1	Pump 1
2	2 sp (Out 1)			(Out 4)		2 x 6 hours with CP	Circulation Pump
3	2 sp (Out 1)		(Out 4)			2 x 2 hours with P1	Pump 1
4	2 sp (Out 1)	1 sp (Out 2)			(Out 4)	2 x 2 hours with P1	Pump 1
5	2 sp (Out 1)	1 sp (Out 2)		(Out 4)		2 x 6 hours with CP	Circulation Pump
6	2 sp (Out 1)	1 sp (Out 2)	(Out 4)			2 x 2 hours with P1	Pump 1
7	2 sp (Out 1)	2 sp (Out 2)			(Out 4)	2 x 2 hours with P1	Pump 1
8	2 sp (Out 1)	2 sp (Out 2)		(Out 4)		2 x 6 hours with CP	Circulation Pump
9	2 sp (Out 1)	2 sp (Out 2)	(Out 4)			2 x 2 hours with P1	Pump 1

Note 1: When the Ozonator is not controlled by a relay, it can be tied to Pump 1 Low speed or Circ. Pump.
Note 2: Slave (OUT 1) high and low speed dedicated to Pump 3 and pump 4 respectively.

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