



# AQUA LIVING FACTORY OUTLETS

*Since  
1977* Catalina™  
Spas

# QUICK START

***PLEASE READ THE OWNER'S MANUAL BEFORE PROCEEDING.***

The owner's manual contains important safety information, manufacturer's recommendations & detailed instructions about the installation, use and care of your spa that are not included in this quick start guide.

## CIRCUIT BREAKER OPTIONS WITH PROPERLY WIRED GFCI

*Before proceeding, read & follow complete electrical requirements & recommendations that begin on page 8 of your spa manual.*

Model	Primary pump only circulates on low speed during heating cycles	Primary pump operates normally even during heating cycles
Armstrong		50 amp
Kennedy		50 amp
Berkshire	50 amp	60 amp
Carlton	50 amp	60 amp
Hampshire	50 amp	60 amp
Nantucket	50 amp	60 amp

# THE EQUIPMENT BAY

Before the spa can be filled with water or connected to the power supply, you'll need access to the equipment bay, which houses most of the spa components including the pumps and electronics.

## THE ACCESS PANEL

*The equipment bay is located inside the cabinet on the same side as the topside controls.*

- Remove the screws from the panel under the topside control and store the panel and the screws safely aside.



## THE DRAIN VALVE

*Rotate the twist valve to open and close the drain.*

- When filling your spa, make sure the drain is completely closed.
- When draining your spa, remove the cap & attach your water hose. When finished, close the drain, remove the hose & replace the cap. Connecting your water hose allows you to control where water goes as the spa drains.



## THE UNIONS

*The primary causes of leaks inside the cabinet are unions that need to be tightened and seals that are improperly seated or need to be replaced.*

- Hand tighten unions each time you fill your spa or remove the access panel.
- Never tighten with a wrench or other tool.



## THE SLICE VALVES

*Slice valves are installed in the plumbing lines so service can be performed without draining the spa. Pushing them down creates a seal that blocks the flow of water.*

- **When the GFCI is on, T-Stems must always be locked in the up position.**
- Make sure the T-Stems are up and the locks are in good condition each time you remove the access panel.



# WATER & AIR CONTROLS

Water and air controls located around the top of the spa, multiple users can customize water flow, jet pressure, and water features to meet their uniquely personal preferences - from soul soothing relaxation to an intensely deep massage - in the same spa, at the same time.

2" Diverter - One for each pump



Regulates water flow to seating zones that share the same pump.

In the center position, water flow is evenly distributed to all seats. Rotating the dial increases water flow in one zone while decreasing it in the other. When the spa is not in use, water flow should be evenly distributed, circulating water through all jets.

Rotate to the **CENTER** position when exiting the spa.

1" Air Control - One for each seat



Regulates the mix of air and water to enhance pressure from the jets.

Rotate the dial in one direction to increase air flow and enhance jet pressure. Rotate it in the opposite direction to reduce or stop air flow. Because cool air circulating reduces the water temperature, air controls should be closed when the spa is not in use.

Rotate to the **CLOSED** position when exiting the spa.



Water Feature Control - One for each water feature

Regulates the rate water flows to fountains, hydrofalls, & crystal ball water features.



Rotate the dial to turn a water feature on and off. Rotating in one direction increases water flow; rotating in the opposite direction decreases it. Water feature controls should be closed when the spa is not in use to prevent water loss and cover damage.

Rotate to the **CLOSED** position when exiting the spa.



Remove crystal balls before replacing the spa cover.

# SUCTION DRAIN COVERS

Suction drain covers create a barrier between the incredibly powerful suction system in the spa and everything in it. They not only trap hair and other large debris to prevent blockages in the lines, they also act as a shield for fingers, toes, and loose clothing to prevent the serious risks of drowning, injury, and entrapment.

Suction Drain Covers - Located around footwell.



Traps hair and other large debris not captured by the filters.

Debris on the suction drain cover obstructs water flow. Wipe the surface to remove debris regularly. Inspect drain covers frequently and replace immediately if damaged.

Never use your spa when suction drain covers are damaged or missing.

Replace suction drains every 7 years.



# FILTER ACCESS

Cleaning your filters is one of the easiest and most important steps in routine spa care. You may not immediately associate increased chemical use and sluggish performance with dirty filters, but the accumulation of hair, body oil, and other debris restricts water flow. When filter maintenance is neglected, components work harder, filtration cycles are less effective, and jets are less powerful.

## **DANGER! SERIOUS RISK OF INJURY!**

**Always turn the GFCI off before removing the filter lid.**

**Never use the spa when the filter(s), filter lid, or suction fittings are missing or damaged.**

**Never remove filter lid or filter(s) when the pump(s) are on.**

**Keep clothing, hair, and jewelry away from filter housing, suction fittings, and moving parts.**

## REMOVING THE LID

Gently lift the back of the cover lid and lift off to remove. Store safely aside until it's time to replace the lid.

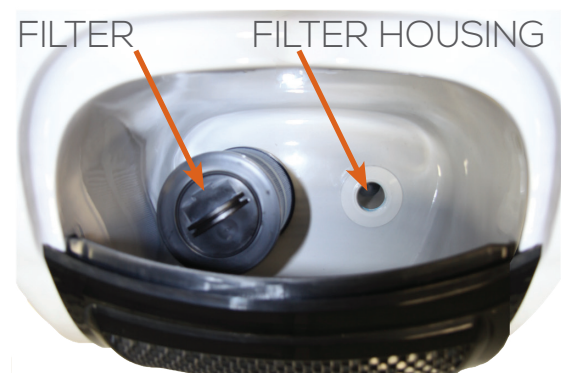


## REPLACING THE LID

Rest the front of the lid along the lip on top of the filter screen. Gently lower the back of the lid, making sure it's properly seated on all sides.

## REMOVING THE FILTER

To remove the screw in filter, grasp the handle on the top of the filter with your hand and rotate counter clockwise until the threaded end of the filter releases from the housing.



## REPLACING THE FILTER

*Always hand tighten filters.*

Using the handle on top of the filter, place the threaded end of the filter into the filter housing. Without applying any pressure, slowly twist the filter allowing the threads on the filter and housing to align. When properly aligned, your hand will easily be able to rotate the filter clockwise until it's securely in place.

*Do not use tools or over tighten.*

# Filling & Refilling

Initial start up & after each cleaning

## **WARNING! SERIOUS RISK OF DAMAGE!**

**Never turn the GFCI on when the spa is empty.**

**Always turn the GFCI off when filling the spa or performing maintenance of any kind.**

*Turning the GFCI on when the spa is empty will immediately damage some components.*

- Remove the access panel on the same side as the topside controls.
- Hand tighten the plumbing unions at the heater and pumps.
- Remove the filter lid & filters.
- Rinse the acrylic surface & drain water that remains after cleaning.
- Wipe the surface with a clean, soft cloth.
- Close the spa drain.
- Put the water hose in filter housing & begin filling .
- Check for leaks at the drain & plumbing unions; tighten if necessary.
- Remove the hose when water level is approximately 1" above the jets..
- Replace the filters & filter lid.
- Turn the GFCI on .
- Refer to the topside control booklet for start-up & user instructions.
- Replace the cabinet panel & spa cover.
- Allow water temperature to reach at least 80°F before adding chemicals.

- Always hand tighten plumbing unions and filters to prevent over tightening.
- Avoid using household cleaners of any kind, which may dull the finish. Never use abrasive cloths or cleaners which will scratch the surface.
- The water level varies depending upon the number and size of the bathers. When you exit the spa, make sure the water level is approximately 1" above the jets, with exception to neck and shoulder jets. Refer to the Water Level section on the bottom of page 14 in the owner's manual for additional information.
- Complete instructions to balance your water chemistry begin on page 15 of the owner's manual.



# Adding Chemicals

Initial start up & after each cleaning

Clean, clear water is essential for your health and your spa's. Without chemical sanitation, the water in your spa becomes the perfect environment for germs and bacteria to grow and spread. The leading preventable cause of spa malfunction is poor water chemistry, and while supplemental sanitizers like UV light reduce chemical consumption, they don't replace them entirely.

*Read and follow all manufacturer's water chemistry instructions, recommendations and safety information beginning on page 15 of the owner's manual.*

## Handle chemicals with care - Risk of chemical reaction & noxious fumes.

*Never mix chlorine, bromine, or any other chemical sanitizers. Always read and follow the instructions on the bottles. Wear goggles & gloves when handling chemicals. Avoid splashing chemicals on the cabinet and acrylic surfaces.*

## BALANCING WATER CHEMISTRY

Each step of a water maintenance program is dependent upon properly adjusting the previous steps to within the recommended ranges. Omitting any step or failing to properly adjust to recommended ranges can damage the spa and cause bather discomfort.

The Association of Pool & Spa Professionals has established the following range recommendations for spas:



### Balance the Total Alkalinity (TA)

Recommended Range 80 to 120 ppm



### Balance the Calcium Hardness (CH)

Recommended Range 150 to 250 ppm



### Balance the pH

Recommended Range 7.2 -7.8



### Maintain sanitizer levels

Recommended Range Free Chlorine with UV Sanitizer .5 to 1 ppm

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■ Test your water twice a week, whether you use the spa or not.

■ Keep chemicals away from children & pets.

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- If you'd like help balancing your water chemistry, Call 423-349-2900, option 6, Monday - Friday from 9 am to 5 pm EST to speak with one of our water care specialists.
- A full line of manufacturer approved chemicals and filters are available online at [CompleteSpaCare.com](http://CompleteSpaCare.com).

# FILTERS & CHEMICALS

## CoPURE FILTERS



- **Antimicrobial filter fabric infused with copper passively deters growth and spread of bacteria and algae**
- Copper's naturally occurring antimicrobial properties passively deter the growth of bacteria, fungi, algae, and other microbes on its surface.
- Antimicrobial micro-fine fiber inhibits bacteria growth on a cellular level with long lasting protection from mold, mildew, stains, and odors to keep filters cleaner, for longer.
- Precision pleating increases surface area to capture more debris and bounce back in place after cleaning, retaining even flow and distribution over a longer life.
- Never use chemical filter cleaners.
- Rinse Bi-Weekly - remove debris between pleats with hose.
- Replace Quarterly - Part Number 425-0348

Visit [CompleteSpaCare.com](http://CompleteSpaCare.com)

Find calculators help you determine how much of each chemical to add to your spa and arrange convenient home delivery of our exclusive CoPure filters and a complete line of manufacturer approved chemicals.

## 24 HOUR CUSTOMER SERVICE & TECH SUPPORT

Need Help? Speak with one of our factory trained service technicians, customer care representatives or certified water care professionals:

**423-900-2010**

Or, submit a request online, anytime:

**[lpiinc.com/service-request](http://lpiinc.com/service-request)**





Since  
1977

# Catalina™

Spas



LPI, Inc.  
506 Twin Oaks Drive  
Johnson City, TN 37601  
[CatalinaSpas.com](http://CatalinaSpas.com)