

# QuikClean Owners Guide

In-floor cleaning and circulation system



 QuikClean®

In-floor cleaning and circulation systems

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INDUSTRIES

Intelligent pool systems

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## Welcome!

Congratulations on the purchase of your new swimming pool and thank you for choosing to include a QuikClean In-floor Cleaning and Circulation System, the world's most advanced automatic swimming pool cleaning and circulation system.

We welcome you to our growing worldwide family of satisfied QuikClean owners, and we appreciate the opportunity to serve you and your family.

### Basic steps explaining the operation of a QuikClean system:

*Figure 1 on Page 2 shows how the QuikClean system operates.*

1. The QuikClean Wave water valve (a) directs water to a zone of two or more QuikClean pop-up cleaning heads (b).
2. These pre-programmed cleaning heads:
  - Pop-up and send a powerful stream of filtered water across the floor, steps, benches and walls of your pool and/or spa.
  - Sweep dirt and debris into suspension to be removed through the AVSC drain (c) and/or skimmer (d) to the filter (e).
3. The filter cleans the water thoroughly before returning it to the pool.
4. The next zone of cleaning heads activate and rotate 30 degrees clockwise before the heads in the previous zone return flush with the pool floor.
5. The rotation between cleaning head zones continues as long as the QuikClean system pump is operating at its full cleaning speed.

Your QuikClean system may also feature optional upgrade items – the Leaf-Vac™ debris canister (f) and QuikSkim® venturi-powered skimmer (d) – that improve pool water circulation and remove heavy debris more effectively.

# QuikClean system pool schematic

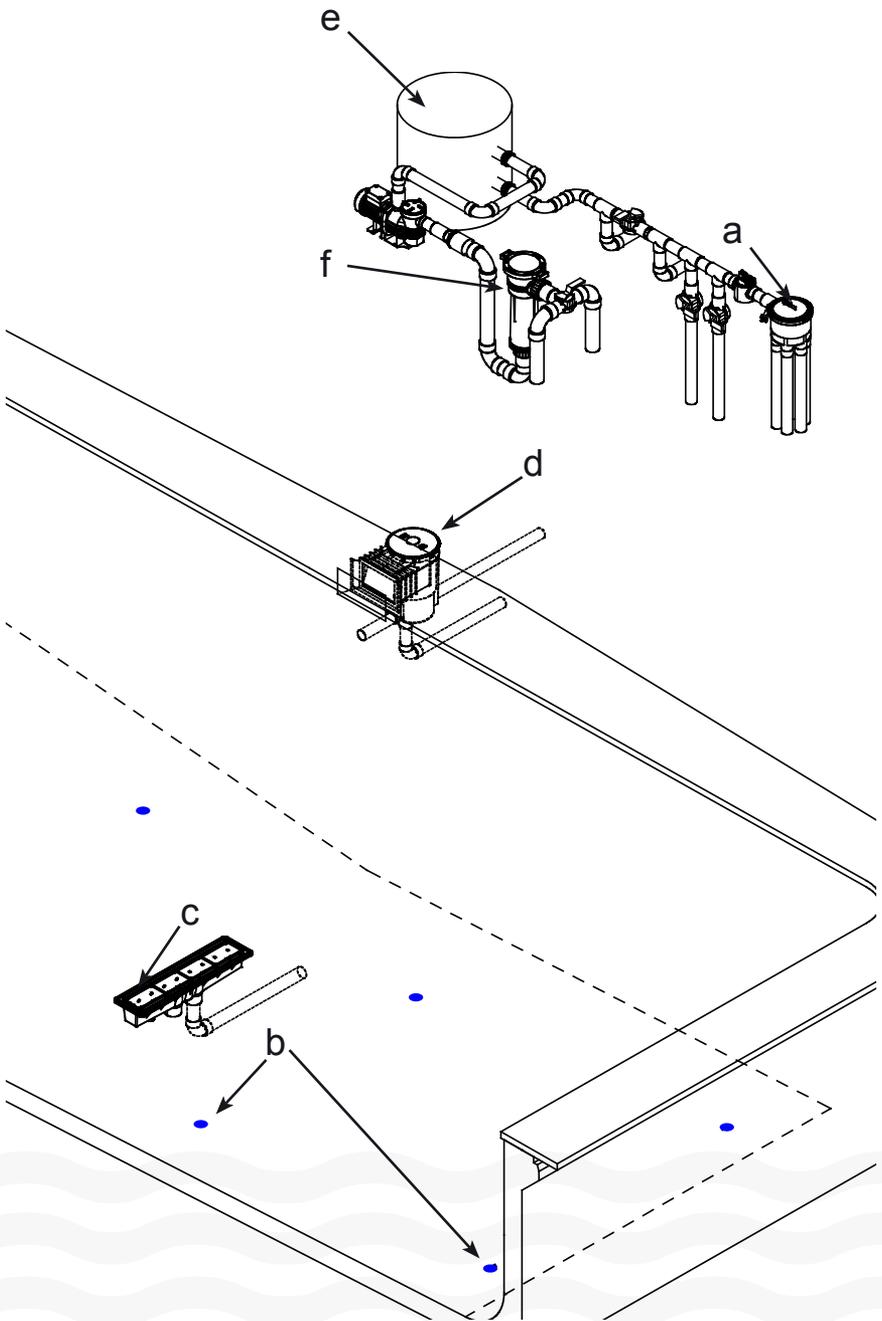


FIGURE 1

## Operating instructions

The operating instructions for your new QuikClean system are very simple ...  
**There aren't any!**

That's right, your QuikClean built-in cleaning and circulation system is so advanced, yet so simple, that it requires no operating procedures or even routine maintenance to keep it operating at peak efficiency. Simply maintain pump operating speed and times, and clean the pool filter, skimmer, Leaf Vac™ and pump baskets as you normally would. That is all there is to it. Your QuikClean system will operate automatically.

### Operating time

The operating time of your QuikClean system will depend on site environmental conditions, the installation layout and the system's interaction with other pool components.

If you have a single-pump cleaning and circulation system, the pump would typically operate in cleaning mode for at least two-six hours per day. The pump may then drop back to a low speed setting for the pool filtration cycle only.

If you have a two-pump layout, the QuikClean system pump will need to operate at the same time as the pool filtration system. This ensures debris is removed by the drain/s and skimmer/s at the same time.

Operating times should be no longer than required to maintain your pool in a clean, clear and sanitised state. Sun, wind, rain, dust and other environmental factors will need to be considered and your system may require additional operating time during summer months or periods of heavy use.

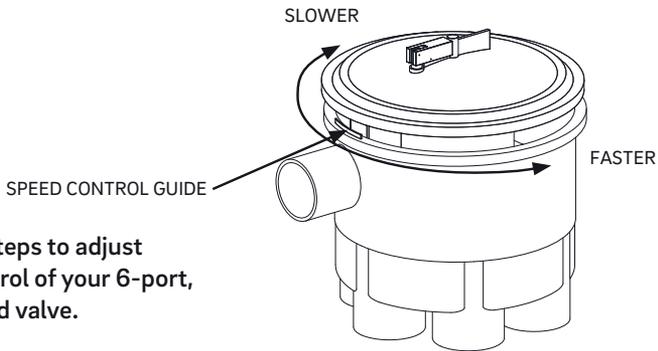
**Note: To ensure adequate filtration and turnover rate, your filtration operating time should always be at least six hours per day.**

In the event of a storm or other adverse pool conditions, you may need to vacuum your pool or increase the QuikClean operating time to remove debris.

## Low profile 6-port water-actuated valve

The rotation speed of the 6-port water actuated valve is determined by the position of the tinted lid when it is placed on the water valve. For maximum cleaning efficiency, we recommend that the cycle time for each zone be adjusted to run approximately 30-45 seconds (operation of a single zone in isolation only). The volume of water allowed to enter the impeller chamber of the water valve controls the speed at which it operates.

**Adjusting the speed control** <https://vimeo.com/166239889>



**FIGURE 4**

**Follow these steps to adjust the speed control of your 6-port, water-actuated valve.**

1. Turn the pump off.
2. Locate the speed control guide moulded onto the top lip of the valve housing, and the grooved recess moulded into the clear lid that accepts the speed control guide.
3. Place the lid on the valve housing, making sure the moulded groove recess in the lid is positioned over the speed control valve guide.
4. Rotate the lid counter-clockwise to increase the cycle time. Rotating the lid clockwise decreases cycle time. (See Figure 4)
5. Once you achieve the desired speed, remove the band clamp and, with a marking pen, place a mark on the edge of the lid and valve housing as registration marks. This allows the lid to be returned to the same position when the water valve cover is removed next time.

## Using the QuikStop™ pause control

You may want to pause the system on the deep-end zone or the spa running to power the spillway, so that the pool water continues to be filtered while swimming activities continue.

**Follow these steps to use the QuikStop™ pause control:** (See Figure 5)

1. To pause your system, raise the black lever on the valve lid to the upright position, so that it locks in place.

2. To restart the valve, return the lever to its original horizontal position.

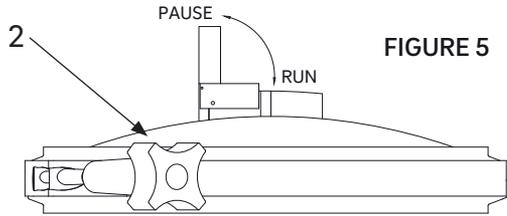


FIGURE 5

## Removing the low profile water actuated valve lid

(See Figure 5 & 6)

*It's easy ... Really! No tools needed!*

You can disassemble the low-profile, water-actuated valve without the use of tools. Follow these steps to remove the low-profile water activated valve.

1. Turn the pump off.
2. Loosen the clamp handle and remove the band clamp (2) from the actuator valve.
3. Lift the clear lid from the actuator valve and set aside on a clean surface.

## Replacing the low profile water actuated valve lid

1. Prior to replacing the lid, straighten and clean the o-ring with clear water. Apply a very thin film of non-petroleum based lubricant if necessary.
2. Align both the hole in the top of the lid with the stainless steel centre shaft and the speed control guide with the grooved recess in the lid. Place the tinted lid over the lower housing and push gently down into position.
3. Install the band clamp and tighten the clamp handle only slightly. Carefully alternate tapping around the perimeter of the band clamp while re-tightening the clamp handle.

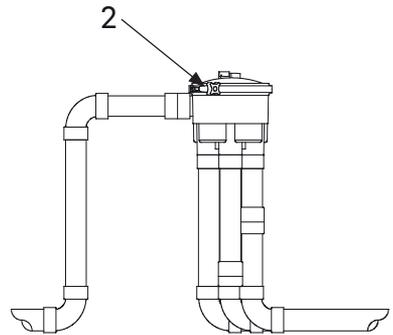


FIGURE 6

**Tighten by hand only. Do not use any tools.**

## QuikClean debris removal upgrade items

In addition to the standard QuikClean components, your system may feature a Leaf-Vac™ debris canister and/or QuikSkim® venturi-powered skimmer.

The Leaf-Vac™ debris canister is conveniently located in your pool equipment area. Soaked leaves, sand, insects and other small debris are drawn through the QuikClean drain/s and collected in debris basket inside the Leaf-Vac™ canister. The debris captured in the basket must be removed periodically to ensure the system's operating pressure and cleanability is maintained.

QuikClean Plus and QuikClean Xtreme systems feature the QuikSkim® venturi powered skimmer. The QuikSkim® is different to standard pool suction skimmers in that it is powered by return water instead of suction. Always ensure valves are correctly set to provide return water flow back to the QuikSkim® venturi skimmer and maintain an effective skimming action.

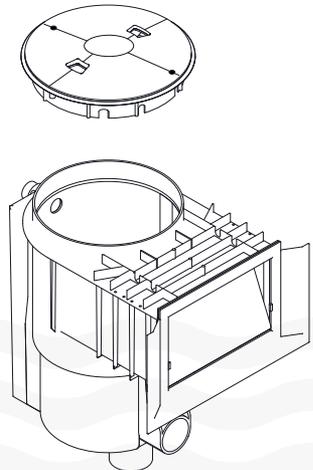
## General pool maintenance

*Good news! Your A&A system itself requires NO periodic maintenance.*

### Pool filter, pump and skimmer baskets

To keep your pool operating efficiently and effectively, you must empty debris from the skimmer and pump baskets, and backwash/clean the filter regularly. Your QuikClean system will do the rest.

Regularly monitor debris levels within the skimmer and pump baskets. Remove debris as required. Also monitor your filter pressure gauge and backwash/clean the filter when the pressure increases above its standard reading.



**FIGURE 7**

## Cleaning the Leaf-Vac™ canister

Follow these steps to empty the Leaf-Vac™ canister as needed.

1. Turn the pump off.
2. Remove the lid from the Leaf-Vac™ debris canister by turning the lid in an anti-clockwise direction.
3. Lift the lid from the canister and remove the internal basket.
4. After emptying the basket, use a water hose to remove any material clinging to the basket.
5. Return the basket to the canister and replace the lid, turning it clockwise, until it locks into place.

**Warning: Do not overtighten.** (See Figure 8)

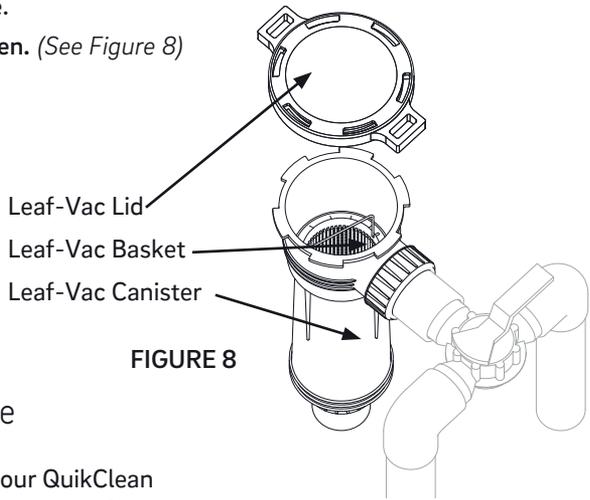


FIGURE 8

## Troubleshooting guide

In the unlikely event that your QuikClean system does not appear to be operating at peak efficiency and effectiveness, please refer to this Troubleshooting Guide and consider possible solutions.

### Mandatory first steps

Follow these steps to troubleshoot your QuikClean system.

1. Turn the pump off.
2. Clean the pool filter and remove debris from all skimmer, pump and Leaf-Vac™ baskets.
3. Ensure sure all water adjustment valves – therapy heads, aerators, surface returns, spillways – in your pool equipment area are set to the correct position as per the settings when your pool was commissioned.
4. Ensure adequate return water is directed to the QuikClean water actuated valve.
5. Turn on the pump.

6. If your pool is equipped with a heater or salt chlorinator, make sure the bypass valves are set to the correct position as per the settings when your pool was commissioned.
7. Observe your QuikClean system and note what it is doing. If you don't feel it is operating correctly, please refer to Figure 9 for helpful suggestions on how to return your system to peak operating efficiency and effectiveness.
8. If you require additional support, please contact our support team via: <https://quikclean.com.au/service-support>

### Common symptoms, probable causes and solutions

Figure 9 identifies common symptoms and probable causes of performance issues, and recommends solutions to optimise system performance.

Symptom	Probable Cause	Solution
Water Actuator Valve does not rotate. Impeller is not turning	Dirty filter and/or baskets are full of debris.	Empty all baskets and clean filter.
	Pause control is ON.	Ensure the pause control lever is in the down position.
	Return water is not properly diverted to the QuikClean system	Position valves on return manifold to direct 100% of the water flow to the QuikClean System.
Cleaning heads do not come up all the way.	Dirty filter and/or basket are full of debris.	Empty all baskets and clean the filter.
	Return water is not properly diverted to the QuikClean system.	Position valves on the return manifold to direct 100% of the water flow to the QuikClean System.
Cleaning head(s) will not go down.	Debris is stuck in the head.	Remove cleaning head and flush it with water, removing any debris that may be lodged in the head. Check for debris in the orifice and flow path.
QuikClean system performance is not the same as it was when the pool was first started up.	Dirty filter and/or basket are full of debris.	Empty all baskets and clean the filter.
	Debris is stuck in the head.	Remove the cleaning head and flush it with water, removing any debris that may be lodged in the head. Check for debris in the orifice and flow path.
	Return water is not properly diverted to the QuikClean system.	Position valves on the return manifold to direct 100% of the water flow to the QuikClean system.

FIGURE 9

## Helpful tips

1. Turn the pump off before removing or replacing pop-up cleaning heads.
2. Remove pop-up cleaning heads and let the system cycle through every cleaning zone to flush out debris that might be in the lines. This may be more common in newly constructed pools.
3. System cleaning and filtration times may vary depending on your location, environmental conditions and bather load. Swimming pools located in high debris areas will require longer operating times.
4. Video support material is available via the link below to help you correct any specific problems relating to your QuikClean system:  
<https://quikclean.com.au/service-support>

## Warranty

Product	Component	Warranty Period
QuikClean Drains	Body	5 Years
	Lid	12 Months
QuikSkim	Body	5 Years
	Lid & Ring	12 Months
	Internal Parts	12 Months
LeafVac	Body	5 Years
	Basket	12 Months
Water Valve	Housing	5 Years
	Lid	5 Years
	Gear Set	3 Years
Cleaning Heads	Internals	5 Years extended to lifetime for original owner*

\* A \$20 Handling Fee applies to replacement heads more than 5 years old.

FIGURE 10

## Warranty coverage

- QuikClean systems offer a structured warranty as per Figure 10.
- Warranty applies to fair wear and tear within standard residential use only.
- A limited lifetime warranty for the cleaning heads is extended to the ORIGINAL pool owner only. Under no circumstances is the extended warranty transferable.
- In order to claim under this warranty you will be required to lodge appropriate documentation which clearly identifies yourself as the original pool owner.
- Your QuikClean system must have been installed by a QuikClean Accredited Installer as per the QuikClean Project Plan.
- All warranty items are to be exchanged part-for-part. You must return faulty part/s to Cooke Industries for assessment and replacement.
- Warranty covers replacement parts only. There is no labour/service component covered by this warranty.

To lodge a warranty request and confirm warranty coverage details, please contact Cooke Industries via the link below:

<https://www.cookeindustries.com.au/warranty>

## Replacement Parts

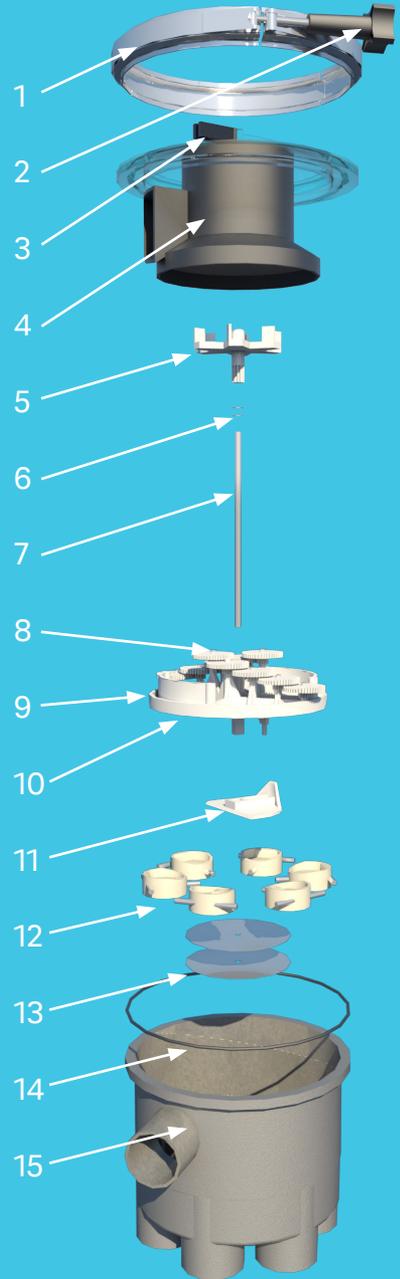
Replacement parts are available for purchase if you are not covered by the warranty structure or you need an item which is outside the warranty coverage period. Please contact Cooke Industries via the link below to confirm system details and any additional information required:

<https://quikclean.com.au/service-support>

# QuikClean Wave low profile water actuated valve assembly

Item	Description
1.	Band clamp
2.	Clamp handle
3.	Low profile pause kit
4.	Low profile lid assembly
5.	Impeller
6.	Shims (x2)
7.	Centre shaft
8.	Gear retainer clips
9.	Gears
10.	Gear plate assembly
11.	Cam
12.	50mm T-clips (x6)
13.	Anti-friction washers (x2)
14.	O-ring
15.	Lower housing (6 Ports)

Parts available in kit form only





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quikclean.com.au

  
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