



FreshWater® IQ eBook Guide



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INTRODUCTION

Your spa pool should take care of you, not the other way round.

At Hot Spring we're on a never-ending quest to enhance the spa pool ownership and soaking experience. From the world's first moving hydromassage jet, to salt systems, cooling systems and swim spas, we're proud pioneers of a wealth of spa pool technologies.

We firmly believe that your spa pool should take care of you, not the other way round. And in that way, our latest innovation is perhaps our best yet.

After 10 years of research and development, in collaboration with Watkins Wellness, Masco Research & Development and the University of Michigan, we are ready to unveil a true revolution in spa pool water care:



freshwater® IQ

THE FRESHWATER® IQ SYSTEM

This first-in-world technology automates the entire water testing process. It replaces effort and guesswork with ultra-precise water care science.

You'll never touch a test strip again. Your spa pool water will always be clean, soft and luxurious. And you'll have more time to soak in it.

In this guide we'll tell you all you need to know about FreshWater® IQ: what it is, how it works, when it will be launched in New Zealand and Australia, and how you can become one of the first to enjoy this game-changing spa pool technology.

What is FreshWater® IQ?

FreshWater® IQ is an in-line, self-monitoring salt system that checks your spa pool water every single hour, then tells you exactly what you need to do to keep it pristine. This smart system works in tandem with Hot Spring's [FreshWater® Salt System](#) to minimise the time and effort required to maintain your water.

FreshWater® IQ is:



SMARTER

This system puts the 'IQ' in liquid. FreshWater® IQ automatically conducts ultra-accurate water testing every hour, and provides you with clear instructions if adjustments are ever required.



CLEANER

Enjoy purity at the press of a button. FreshWater® IQ works with the FreshWater® Salt System to release the perfect amount of salt and generate the perfect amount of chlorine. This process uses far fewer chemicals, and delivers softer, gentler water that stays fresh for 4x longer than standard systems.



SIMPLER

FreshWater® IQ is spa care made easy. The results of the precision water testing are automatically converted into simple on-screen recommendations that remove all that water care guesswork. You'll be told exactly what to do and exactly how to do it, so you can enjoy the most luxurious water 24/7/365.



BETTER

FreshWater® IQ is a first-in-world technology that represents the most comprehensive water care system ever made. It is fully integrated and easy-to-use. It creates the most immaculate spa water with minimal effort on your end. In short, it delivers on our promise to give our customers The Absolute Best Ownership Experience™.

Product specs

Freshwater® IQ is compatible with spa pools in our two premium collections:



Highlife® collection

The epitome of spa pool indulgence, our most exclusive collection forms the natural home for all of our latest and greatest technological innovations, including FreshWater® IQ.

- Included: FreshWater® Salt System.
- Optional: Smart Monitoring System.

The Highlife collection already comes complete with the FreshWater Salt System, which minimises chemical use and makes your spa water last for up to a year. By adding the FreshWater IQ® Smart Monitoring System, you'll enjoy fully automated water testing which significantly reduces the time you'll spend on spa maintenance, and ensures your water is always perfect and ready for a soak.



Limelight® collection

Elegant yet vibrant, Limelight spa pools are high-end machines designed for people who see a soak as an experience better shared. FreshWater® IQ helps to minimise work and maximise play.

- Optional: FreshWater® Salt System.
- Optional: Smart Monitoring System.

FreshWater® IQ is an optional extra for Limelight collection spas, both in terms of the FreshWater® Salt System and the Smart Monitoring System. But this additional investment can deliver serious returns, particularly for spa pool owners who value their time, and who appreciate how luxurious spa pool water can elevate the soaking experience.



How does Freshwater® IQ work?

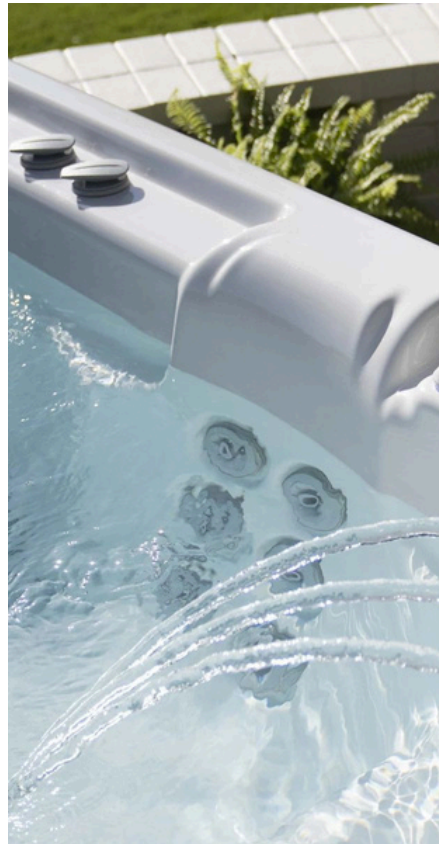
THE HOT SPRING DIFFERENCE

FreshWater® IQ uses digital sensors to test for the presence of the key chemical elements in your water, namely chlorine, pH and salt. These measurements are then converted into easy-to-understand visuals that are displayed on the spa's built-in screen.

If levels sit within the green band, they are ideal, and you'll enjoy soaking in the cleanest, clearest, softest and freshest spa water you'll ever experience. If levels nudge into the yellow or red regions, the system will tell you exactly what to do to bring them back into the ideal range.

Because FreshWater® IQ works in tandem with the FreshWater® Salt System, these improvements will often be as simple as pressing a button to increase or decrease the amount of chemical being released into the water, which is automatically dispensed by a cartridge.

The FreshWater IQ System contains one controller and one replaceable sensor. The sensor has a lifespan of up to 12 months, and can be easily replaced by the consumer without any tools.



The importance of clean water

FreshWater® IQ enables your spa pool to monitor its own water, and it will alert you to any issues as soon as they arise. Maintaining clean water is non-negotiable for all spa pool owners, for a number of reasons.

HEALTH AND SAFETY

First and foremost, unclean spa water represents a serious health and safety hazard. Just as the warm, bubbling waters of your spa pool seem inviting to you, they're also attractive to organic contaminants like bacteria, viruses, fungus, algae, mould and mildew. If you skip a test or balance your water incorrectly, you could give these invaders an opportunity to gain a foothold in your spa, exposing those who soak to potentially dangerous pathogens.

But not with FreshWater® IQ. This fully automated system performs ultra-accurate tests every single hour, and tells you exactly when and how to add sanitising agents, ensuring necessary levels of chlorine are always present in your spa pool water.



COMFORT

In terms of chlorine, spa owners face a dilemma where you need to often use harsh sanitising chemicals to kill bacteria, viruses and other organic invaders. But if you use too much, you risk discomfort – strong odours and irritation to skin and eyes that impact the pleasure of the soaking experience.

As such, truly 'clean' spa pool water is also free of excess chlorine, and is perfectly balanced in terms of other chemical elements too. It deals with organic contaminants while feeling soft, smelling fresh and looking luxurious.

For this reason, FreshWater® IQ doesn't just monitor chlorine levels – it measures salt and pH too. It works in conjunction with the FreshWater Salt System: our premium water care system that uses clever chemistry to organically generate chlorine from salt. The result is water with fewer chemicals and no harsh odours, that feels more natural and doesn't cause irritation, and that can last up to a year without needing to be changed.

MAINTENANCE

An often overlooked benefit of keeping spa water clean is to reduce maintenance and extend the life of your spa pool.

If water is left to stagnate, if bacteria thrives and algae, mould and mildew grow, you risk damaging your spa. Contaminants can enter your pumps, jets, internal piping and even your filter system, where they can be far more difficult to deal with.

Bringing your spa back to life can involve a lot of extra work, from 'shocking' the water with sanitiser, to completely draining, cleaning and refilling your spa.

The FreshWater® IQ System simply doesn't allow your water to degrade. It automatically tests your water every hour, and tells you as soon as chemical levels are anything but perfect – all you need to do is take a moment to act on the recommendations. Spa pool maintenance has never been simpler, and the level of care means your spa will live a long and healthy life.



FreshWater® IQ features

What makes FreshWater IQ® different from other water care systems?

As a first-in-world technology, there really isn't anything to compare FreshWater IQ® to, beyond the manual test strips it is built to replace. FreshWater IQ® comes with a wealth of never-before-seen features that promise to be game-changing for spa pool owners, including:



FULLY AUTOMATED WATER TESTING

FreshWater® IQ automatically tests your spa pool water every hour for levels of chlorine, pH and salt. These tests are conducted by finely calibrated digital sensors for ultra-accurate results.

ON-SCREEN RECOMMENDATIONS

If your spa water could be improved, FreshWater IQ® will tell you, via simple visuals and easy-to-follow recommendations on a built-in digital display.

FRESHWATER SALT SYSTEM INTEGRATION

Balancing your spa water will often be as simple as pressing a button, because FreshWater® IQ's smart monitoring system speaks directly to your spa's FreshWater® Salt System, which can automatically dispense the exact amount of sanitiser you need.

ENERGY SAVING MODE

FreshWater® IQ doesn't hurt your pocket or the planet. Amongst a number of energy efficient features, FreshWater® IQ can keep power bills low by disabling your spa heater when electricity rates are at their highest.

INSTANT AND AUTO CLEAN CYCLES

Enhance filtration whenever you choose with the instant clean cycle, or at a specific hour with the auto clean cycle, which activates the jet pump(s) at your chosen time.

FreshWater® IQ benefits

What real-world benefits do the features above deliver?

With FreshWater® IQ, you'll soak in your spa while other people work on theirs, and you'll save money on your spa while other people spend money on theirs.



FRESHWATER® IQ SAVES YOU TIME

- With FreshWater® IQ taking care of water care, you can reduce the time you spend on spa pool water maintenance by over 90%.
- The FreshWater® Salt System is designed to keep your spa cleaner for longer. Drain and refill your spa as little as once a year instead of every couple of months.
- Say goodbye to the stress, guesswork and mistakes of manual testing – with an automated laboratory in your spa pool, you'll avoid common water care issues, and win back the time that you would have spent fixing them.
- Zero downtime, 24/7 availability: FreshWater® IQ spa pools are always warm, bubbling and ready for a soak. No more work or waiting for chemicals to balance before you can soak.



FRESHWATER® IQ SAVES YOU MONEY

- With the FreshWater® Salt System naturally converting salt to chlorine, and the Smart Monitoring System ensuring sanitiser is only added when it's needed, you use far fewer chemicals.
- Most spa pools need to be drained and refilled every three months. The FreshWater® Salt System, meanwhile, keeps your water fresh for up to a year. With FreshWater® IQ you'll use (and pay for) 4x less water than with a standard system.
- No need to invest in manual testing equipment, or to invest your time in doing those tests – FreshWater® IQ takes care of it all.
- If you value your time – and you should – you'll save serious money by reducing your spa pool water maintenance workload by over 90%.

FreshWater® IQ comparison table

Spa pools have been around for well over half a century, and over the years the truly innovative and game-changing technologies have become increasingly rare.

But in FreshWater® IQ you have exactly that: a genuinely revolutionary technology that is unlike anything else on the market, and that will make a tangible difference to the ownership and soaking experience of anyone who uses it.

Exactly how revolutionary is FreshWater® IQ? The comparison table below demonstrates just how advanced this water care technology is, by comparing it to the other solutions currently on the market.

COMPARISON TABLE	Hot Spring FreshWater IQ	Jacuzzi	Alpine	Galaxy	Vortex
Automated water testing	✓	✗	✗	✗	✗
No daily use of test strips	✓	✗	✗	✗	✗
Salt Water System	✓	✗	✗	✗	✗
Reduces water maintenance time by over 90%	✓	✗	✗	✗	✗
Automated on-screen water care recommendations	✓	✗	✗	✗	✗
Optimal water conditions for 12 months	✓	✗	✗	✗	✗

We developed FreshWater® IQ in response to the spa maintenance frustrations that we heard over and over again from spa pool owners. This system has been built to address real-world water care issues, minimise the work and maximise the fun of spa pool ownership, and make spa upkeep easier than ever.



Community




Join our community of Hot Spring® spa owners for ideas, perspectives, personal results, and more. Connect with our social channels and immerse yourself in our world.

Visit our website: hotspring.co.nz

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**THE ABSOLUTE BEST SPA POOL
OWNERSHIP EXPERIENCE®**

