

# Artesian Island Spas.....

## What sets them apart?

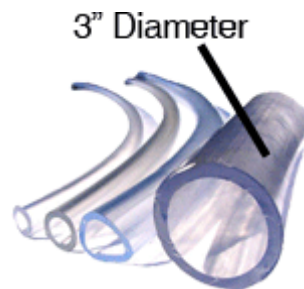


the hot tub spa and sauna professionals

### Let's start with the basics

#### The Plumbing:

High quality, three inch-75mm, PVC tubing, (*most makers use 2 inch-50mm*) is used to prevent tight bends and creasing that can disrupt water flow. This premium quality tubing is then glued and clamped onto the jet inlets to prevent leaking or detachment in transit.



There are no 90-degree angles in the plumbing assembly, all the pipe-work is kept as smooth as possible to minimise pressure loss and create a high flow system that has excellent hydrotherapy performance.

*Most manufacturers utilise a number of 90 degree bends and manifolds to direct the plumbing around the spa, which ultimately causes a loss of pressure to the jets, so they use much larger (energy hungry) pumps to achieve adequate water flow.*

#### The Structural Frame:

A robust timber frame supports the spa, this is pressure treated by forcing preservatives into the wood which protects it from insect infestation and fungal decay. This heavy-duty frame is perfect for extreme outdoor conditions and we believe superior to metal frames which are prone to corrosion failure, particularly on the welded joints.



The above shows the contrast between new deck boards (right hand side) and those that have been exposed to the elements for two years (left hand side).



The timber frame is further protected by a one piece moulded ABS base pan that seals the bottom of the spa. Unlike traditional spas that only use plywood, an ABS base pan will not rot and protects it from the elements and rodents.

#### The Interior (Acrylic Shell):



Artesian's interior shell is manufactured from ultra durable cast acrylic with DiamondBond backing and incorporates Microban anti microbial protection. EPA registered, Microban disrupts key cell functions of micro-organisms, which inhibits the growth of bacteria that causes odour and staining.



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### Switchless Pump Motors:

The revolutionary switchless motors used in Artesian Spas drive high volume water pumps that are long lasting and virtually trouble-free. This design eliminates the need for a mechanical switch to take it from the start position to run position, which greatly increases the efficiency of the motor. It also diminishes operating noise, such as the vibration and electrical noise heard with conventional motors. An added bonus of the switchless motor is that the technology requires 10 to 16 fewer parts than a conventional motor, which means many potentially problematic components have been eliminated.



**The life of Artesian's switchless motor can be measured in tens of years instead of hundreds of hours.**

### Patented Helix Jets

**Artesian Spas feature a revolutionary breakthrough in hydrotherapy!** Their now famous, innovative jetting makes use of the timeless concept of the helix, a three-dimensional, double-spiral form to provide an unrivalled deep penetrating massage.

**This patented jet**, aptly named the Helix, has been designed to provide a truly remarkable hydro-massage **exclusive to Artesian Spas – These Jets cannot be found on any other spa in the world!** Engineered from the concept of the double helix, which causes water to spiral out in a twisting manner, providing jet pulsation and deep massaging pressure, this closely replicates the rotary massage of a professional masseuse.



Two different sized Pro-Helix Jets, produce a high volume of water flow to massage large muscles in the body.

The midsize Thera-Helix is strategically placed in small groups in the spa to massage muscles such as; calf, hamstring, deltoids, biceps, and triceps.

The smaller Accu-Helix Jets, are placed in large groupings to massage larger regions of the body, such as the entire back.

The five different sizes of Helix jets are featured in every Artesian Spa model, to provide an unmatched hydrotherapy experience.

### Neck Massage Jets



Treat yourself to the ultimate neck and shoulder massage with these wonderful jets. This innovative design features four powerful, adjustable jets that relieve tightness and relax muscles, melting away tension and pain in a matter of minutes.

One soothing moment enjoying the Neck Jets and you will agree that it is superior to any other shoulder or neck massage.

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### Mood Enhancing Features

Not only do Artesian build fantastic quality and high performing spas, they appreciate that relaxation is a vital part of the therapy benefit when you bathe.



So, gentle pillow falls are incorporated in certain seats to create a calming effect as water caresses your neck and shoulders – with the sound of a cascade waterfall further enhancing your senses.



And to complement the moving water features the very best in chromo-therapy is provided by five multicoloured LED lamps below the waterline and illumination to the Cascade Waterfall. Select a colour to match your mood, or let the lights gently fade through the spectrum, matching exterior cabinet lamps wash the surrounding area to complete the effect.



### Crystal AOP - The Ultimate Sanitation System



Artesian Spas have developed “The Ultimate Sanitation System”, combining the power of ProPure Ozone Oxidation and Ultraviolet Light with Micro Filtration and a high volume, low energy, 24/7 circulation pump, helping to alleviate the issues of harsh chemicals, irritation, and the need for excessive maintenance, taking the worry out of spa care.



The ProPure chamber (*unique on Artesian Spas*) maximises the absorption of the Ozone gas into the spa water, increasing its efficiency, reducing damage to spa components and boosting the effectiveness of the U.V. unit.

The Ultraviolet Light source is housed in a crystal quartz chamber and produces the optimum wavelength for destroying and eliminating the reproduction of micro-organisms by completely disrupting the DNA of bacteria, killing up to 99.5% of Germs and is UL/CE/EPA approved.

Artesian’s unique Micro Filter is capable of removing even the smallest of particles, containments and oils, right down to 3 microns.

A Low Energy (0.4 amp) Continuous Circulation System completes the AOP System, an incredibly efficient pump that filters up to 130 Litres per minute, **sanitising and filtering the spa water more than 100 times a day** to create the ultimate purification process.

**NEW for 2016** – In-line sanitation with Spa Frog® - a 2 cartridge system that just pops into a neat holder built into the spa, a combination of low level Bromine and natural Mineral additives taking the worry and hassle of spa water care.

**Crystal AOP and Spa Frog® delivers the most advanced method for safer, clearer, cleaner spa water and is particularly kind to sensitive skin.**