

# PRECISION<sup>UV</sup>

The Ultraviolet Water Experience



## Join the **SWITCH** to a Low Chlorine Pool



### Safer, Healthier Water

Used properly, chlorine is not noticeable in pool water. But chlorine is overused in virtually every pool! A Precision UV System reduces chlorine use up to 80% (down to 0.5 ppm) by sterilizing water before it is returned to the pool, eliminating the need for high levels of chlorine.

### UV Kills What Chlorine Can't

A Precision UV System will easily sterilize bacteria (such as e.Coli) and viruses (like cryptosporidium) that chlorine cannot kill. It's why surgical instruments are sterilized using UV light in hospitals.

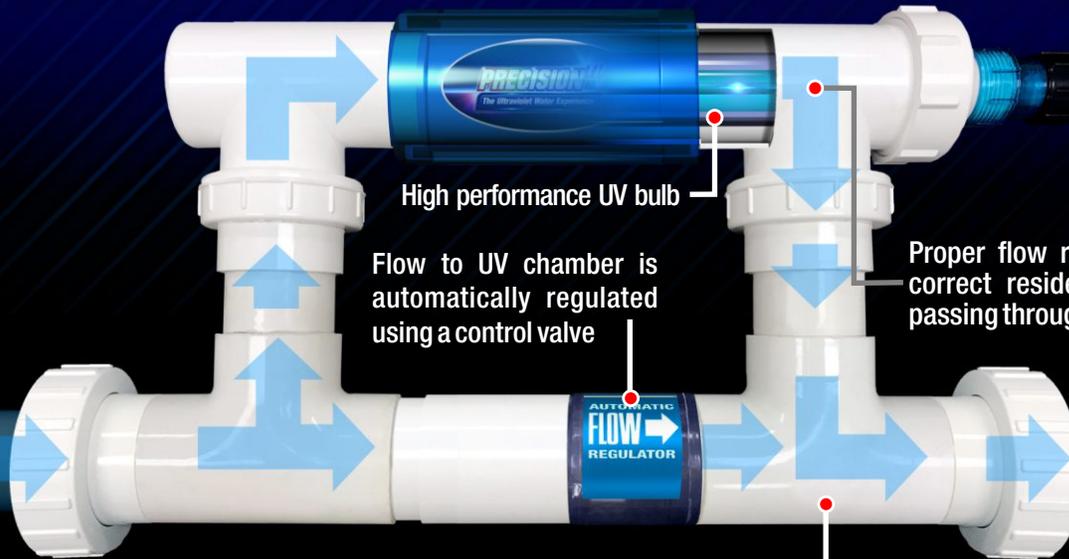


### A Dazzling Experience

Swimming in drinking quality water is like nothing else. The precise application of UV light to water allows everyone to enjoy a friendly, healthy pool without burning eyes or the smell of bleach. Once you've had the UV experience, you'll never go back!

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High performance UV bulb

Flow to UV chamber is automatically regulated using a control valve

Proper flow rate guarantees the correct resident time for water passing through the UV chamber

Manifold is assembled at factory for simple installation and guaranteed performance. Unions included for easy servicing.



Power Supply is certified to UL 1081 Standard and shows system status using LED lights



## The Precision UV Difference

The most common reason for non performance of UV systems is improper flow rate through the UV chamber. A Precision UV System guarantees the proper residual time for complete sterilization of water passing through the UV chamber

Drinking Water Guidelines require UV exposure to be 30 mj/cm<sup>2</sup> (30 millijoules per square centimeter) to achieve 99.99% sterilization. Only Precision UV guarantees the proper exposure of pool water as it passes through the UV light field.

Precision UV delivers drinking quality water to the pool and reduces the chlorine level required to 0.5 ppm regardless of pump horsepower or system pressure. Precision works with flow rates up to 120 gpm and can be used with variable speed pumps as well as single speed pumps.

## SPECIFICATIONS

<b>Pool Size</b>	For pools up to 40,000 gallons
<b>GPM Range</b>	Up to 120 gallons per minute
<b>Head Loss</b>	< 5 feet @80 gpm
<b>UV Performance</b>	30mj/cm <sup>2</sup>
<b>110V or 220V Available</b>	Yes
<b>Dry Fire Protection</b>	Yes
<b>Warranty</b>	3 Year Limited
<b>Manifold Width</b>	20 inches
<b>Safety Certification</b>	To UL 1081
<b>Bulb Life</b>	13,000 Hours

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