

PUROXI

PURE WATER GLOBAL INC.

“THE BEST
WATER
SOLUTION”

shield1500

New Photochemical Process!



Features

- Small footprint
- Flexible configuration (modular and scalable)
- Easy integration and operation
- Low pressure drop
- Low maintenance requirements
- No chemical additives
- Made in USA

The Puralytics Shield is the world's FIRST & still BEST photochemical water treatment system ~ with the WIDEST range of coverage for all common contaminants:

- Bacteria
- Viruses
- Protozoa
- Petrochemicals
- Pharmaceuticals
- Pesticides
- Herbicides
- Heavy Metals

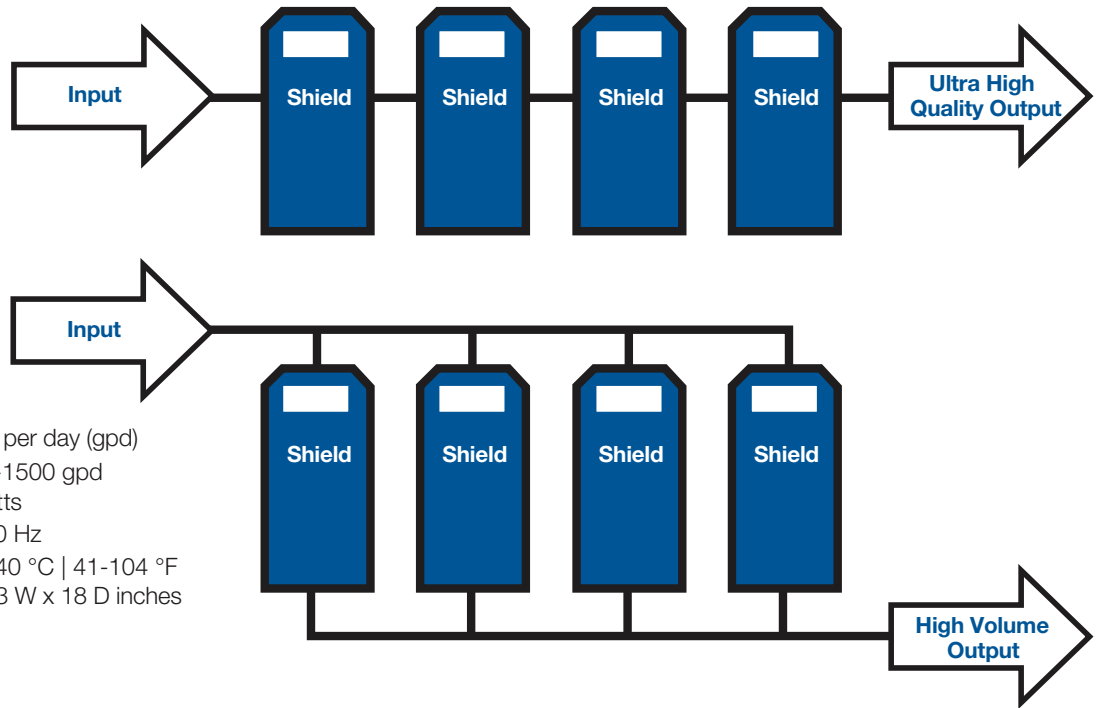
LED Powered Water Purification

- Revolutionary clean and efficient.
- Providing the broadest range of contaminant reduction and best in class disinfection.
- Features 100% treated water through-put, with no hazardous discharged.
- Compact, but scalable with low maintenance requirements.

The patented Puralytics process employs LEDs to excite our proprietary nanotechnology mesh which drives light-activated water purification processes. The Shield achieves advanced disinfection and detoxification with improved aesthetics. Pathogens (bacteria, virus, protozoa) are sterilized and many types of unwanted organic compounds are broken down. Examples include taste & odor compounds, emerging contaminants (personal care products & pharmaceuticals), fertilizers and pesticides, and industrial chemicals (petrochemicals, toxins)

Visit www.puroxi.com/products/shield or contact our dealers

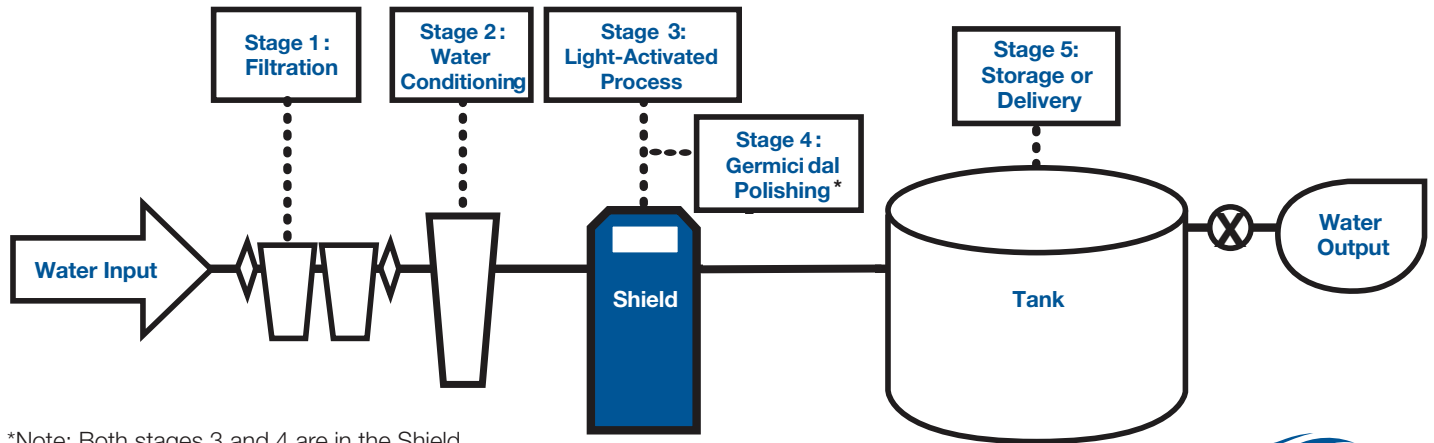
~ CLEAN ~ CLEAR ~ HEALTHY ~ WATER



Unit Specifications

- **Water Recovery:** 100%
- **Water Production:**
0.5-3.9 L/min | 200-150 gallons per day (gpd)
- **Pressure Drop:** 2-7 psi @ 200-1500 gpd
- **Power Consumption:** 570 Watts
- **Power Input:** 100-240 V, 50-60 Hz
- **Ambient Operating Temp:** 5-40 °C | 41-104 °F
- **Dim:** 91 x 32 x 45 cm | 36 H x 13 W x 18 D inches
- **Wet Weight:** 30.5 kg | 67.2 lbs
- **Dry Weight:** 24.5 kgs | 54 lbs

With proper pre-treatment system integration, high quality potable water can be achieved from a wide array of contaminated water sources where the Shield provides 100% water utilization, no chemical consumables, and low generation of waste. An example system configuration for ground and surface water sources is shown below. Puralytics is ready to assist you in determining how the Shield can work for your particular application.



*Note: Both stages 3 and 4 are in the Shield.



Puralytics, a water purification equipment company headquartered in Hillsboro, Oregon, has developed a patented photochemical water purification process using only light energy to activate an advanced nanotechnology photocatalyst. There are no chemical additives and 100% of the water is purified. Puralytics Shield and SolarBag water purification products set new standards for sustainability, ease of use and cost effectiveness.

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