

HYDROLOGY

Water System Data Sheet

Hydrology System Purification Series

Introducing the Hydrology System – an advanced ultra-water purification system tailored for enhancing your cooking and drinking experience. This system boasts a state-of-the-art ultra-purification membrane designed to capture even the smallest contaminants, including viruses, bacteria, and a variety of organic compounds. Its sophisticated technology ensures the reduction of chemicals and heavy metals, refining the water’s quality. The innovative process adjusts the water’s composition, achieving a higher alkaline level for optimal hydration.

5 Filtration Stages

Stage	Use	Cartridge Lifecycle
Stage 1: PPF (Precision Polypropylene Filter)	Our initial filter stage employs precision polypropylene to intercept particulate matter, blocking contaminants like rust, sand, and insect eggs, ensuring the clarity of your water.	Our meticulously designed cartridges ensure sustained performance with a 12-month lifespan, while the robust UF membrane extends to 24 months, offering you unparalleled convenience and quality.
Stage 2: CTO (Compressed Activated Carbon)	This stage utilizes compressed activated carbon to further purify your water. It effectively adsorbs residual chlorine, chemicals, and odors, enhancing both the safety and taste of your water.	
Stage 3: GAC (Granular Activated Carbon)	The GAC stage harnesses coconut shell activated carbon for its expansive surface area and strength, efficiently removing chlorine, byproducts, organic impurities, and odors, while improving color.	
Stage 4: UF (Ultra Purification Membrane)	With the UF stage, our system targets the most minuscule threats. Viruses, bacteria, and organic materials are filtered out at 0.01 microns, delivering exceptional water purity.	
Stage 5: Ionizer	The final touch in our sophisticated system is the ionizer, which elevates your water’s pH, providing you with the benefits of alkaline water, known for its hydrating properties.	



Basic Data

Model	Hydrology System
Service Flow	90 LPH
Micron Rating	0.01 um

Mechanical Data

Model	Hydrology System
Dimensions	18" x 6" x 17"
Material	304 SS
Micron Rating	0.01 um
Mounting Options	Under counter
Use	Cooking and drinking

Certifications

Approved FDA Facility	✓
RoHS	✓
ISO 901	✓
Water Quality Association Gold Seal	✓
NSF	✓
Lifetime Guarantee	✓

Operating

Min working pressure	30 psi
Max working pressure	125 psi
Ph range	7-10

*Ph range may vary depending on the main water source.