

HYDROLOGY

Water Treatment Plant Data Sheet

Hydrology Ultrahouse Purification Series

Experience the cutting-edge purification of the Hydrology Ultra-House, a state-of-the-art water purification system for residential and light commercial use. It boasts a superior ultrafiltration membrane that seizes viruses, bacteria, and organic impurities. The system's advanced technology efficiently strips away chemicals and heavy metals, culminating in a unique ionization process that enriches water softness and alkalinity for superior hydration.

5 Filtration Stages

Stage	Use	Replacement
Stage 1: Ultra Purification Membrane	Captures and eliminates particles down to 0.01 microns, including viruses, bacteria, sediments, and microplastics for unmatched water purity.	Change 3 years
Stages 2 & 3: Chemical Absorption Station	Sequential stages dedicated to the extraction of chlorine, heavy metals such as lead, and other substances, also improving taste and removing odors.	Change 3 to 6 months
Stages 4 & 5: Water Ionizer	These stages soften and raise the alkalinity of water, delivering a more hydrating and appliance-friendly water quality.	Not required change

Operating

Min working pressure	50 psi
Max working pressure	140 psi
Ph range	7-10

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

Certifications

Registered FDA Facility	✓
RoHS	✓
WQA Gold Seal	✓
NSF	✓

Backwash Cleaning. Lifetime Guarantee

HU 4,000



Basic Data

Model	Hu 4,000
Service Flow	4,000 LPH
Micron Rating	0.01 um
Capacity	300,000 gallons or 3 years

Mechanical Data

Model	Hu 4,000
Dimensions	21x12x11
Weight	24 pounds
Mounting Options	Floor or Wall Mount
Use	Home, Apartment