

Aquashine Ultra Filtration System



Key Features

- Removes Bacteria, Suspended Solids & Turbidity
- Advanced Hollow Fiber UF Membrane Technology

Main Benefits

- Provides Safe & Clear Drinking Water
- Lower Operating & Maintenance Costs

Ideal Application

- Residential Homes & Apartments
- Hotels & Guest Houses

7 Stage RO Water Purification

- Raw Hard Water Inlet
- Pre-Filtration (Optional but Recommended)
- Micron Cartridge Filter
- Ultra Filtration (UF) Membrane Stage
- Permeate (Filtered Water) Outlet
- Backwash Cycle
- Chemical Cleaning (Periodic Maintenance)

The Aquashine Ultra Filtration (UF) System is a high-performance water treatment solution designed to remove suspended solids, bacteria, viruses, and colloidal impurities without altering the natural mineral content of water

Performance Specification	Unit	Value
Purification Capacity	LPH	500 – 3000 LPH
UF Membrane Type	—	Hollow Fiber Membrane
Recovery Rate	%	Up to 90–95%
Bacteria Removal Efficiency	%	Up to 99.99%
Maximum Feed Water TDS	ppm	Up to 1,000 ppm
Operating Pressure	MPa	0.1 – 0.4 MPa
Operating Voltage	V / Hz	220–240V / 50Hz
Power Consumption	kW	0.5 – 1.5 kW
Purification Technology	—	Multi-Stage Pre-Filtration + UF Membrane
Installation Type	—	Floor Mounted

The specifications outlined above are normalized performance values based on standard laboratory test conditions. Actual system performance may vary depending on feed water quality, inlet pressure, temperature, installation conditions, and operating environment.

Feed Water Feed Water Hardness up to 1,000 ppm as CaCO₃ at 25°C (77°F)
 Inlet 0.15–0.6 MPa
 Stable power supply 220–240V AC / 50Hz (for automatic control valve models)

Note: Softening efficiency, treated water hardness level, and regeneration performance may vary depending on feed water hardness, iron content, operating pressure, temperature, resin quality, salt dosage, and system maintenance practices.

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