

Aquashine RO Plant 1000 LPH



The Aquashine RO Plant 1000 LPH is a powerful industrial reverse osmosis system designed to produce 1000 liters per hour of purified water with exceptional efficiency and reliability

Key Features

- Industrial-Grade RO Membrane System
- Commercial Floor Installation

Main Benefits

- Superior Drinking Water Quality
- Reliable Daily Performance

Ideal Application

- Hotels & Large Restaurants
- Schools & Colleges

7 Stage RO Water Purification

- Raw Water Inlet
- Multi-Grade Sand Filter (MGF)
- Activated Carbon Filter (ACF)
- Micron Cartridge Filter (5 Micron)
- High-Pressure Pump
- Reverse Osmosis (RO) Membrane
- Post-Treatment System (Optional / As Required)

Performance Specification	Unit	Value
Purification Capacity	LPH	1000 LPH
RO Membrane Capacity	GPD	8000-10,000 GPD
Recovery Rate	%	Up to 60–75%
TDS Reduction	%	Up to 95–98%
Maximum Feed Water TDS	ppm	Up to 2,000 ppm
Operating Pressure	MPa	0.3 – 0.6 MPa
Operating Voltage	V / Hz	220–240V / 50Hz
Power Consumption	kW	4.0 – 6.5 kW
Purification Technology	—	Multi-Stage Pre-Filtration + RO
Installation Type	—	Commercial Floor

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 TDS up to 2,000 ppm at 25°C (77°F)
 Inlet pressure 0.3–0.6 MPa
 Stable power supply 220–240V AC / 50Hz

Note: Recovery rate, purification capacity, and TDS reduction may vary depending on feed water characteristics, operating pressure, temperature, system design configuration, and maintenance practices.

