

Product Data Sheet

# Aquashine RO Plant 3000 LPH

The Aquashine RO Plant 3000 LPH is a powerful industrial reverse osmosis system designed to produce 3000 liters per hour of purified water, ensuring uninterrupted supply for large-scale commercial and industrial operations

**Key Features**

- Industrial-Grade RO Membrane Assembly
- Commercial Floor Installation

**Main Benefits**

- Superior Drinking Water Quality
- Reliable Daily Performance

**Ideal Application**

- Large Manufacturing & Processing Industries
- 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	3000 LPH
RO Membrane Capacity	GPD	24,000-30,000 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	380–415V / 50Hz
Power Consumption	kW	9.0 – 15.0 kW
Purification Technology	—	Multi-Stage Pre-Filtration + RO
Installation Type	—	Industrial 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 380–415V 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.

