

Product Data Sheet

# Aquashine RO Plant 250 LPH



### 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

- Multi-Grade Sand Filter (MGF)
- Activated Carbon Filter (ACF)
- Micron Cartridge Filter (5 Micron)
- High-Pressure Pump
- Reverse Osmosis (RO) Membrane
- Post-Treatment (Optional Add-ons)
- UV Light Filter

The Aquashine RO Plant 250 LPH is a high-performance industrial reverse osmosis system designed to deliver 250 liters per hour of purified water with consistent quality and efficiency.

Performance Specification	Unit	Value
Purification Capacity	LPH	250 LPH
RO Membrane Capacity	GPD	2000-2500 GPD
Recovery Rate	%	Up to 50–65%
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	Watts	1.5 – 2.5 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.

