

Product Data Sheet

Aquashine RO PLANT 50 LPH

The **Aquashine Commercial RO Plant (50 LPH)** is a robust and high-efficiency water purification system designed to meet the continuous water demands of commercial and light industrial applications.



Key Features

- High-Efficiency 80 GPD RO Membrane
- Wall Mount or Counter Top Installation
- Good Durability

Main Benefits

- Superior Drinking Water Quality
- Reliable Daily Performance

Ideal Application

- Residential Homes & Apartments
- Office & Corporate Workspaces
- For Borehole or Municipal Water Supply

5 Stage RO Water Purification

- Pre Filter Sediment Cartridge
- Inline Sediment Cartridge
- Inline Pre Carbon Cartridge
- RO Membrane
- Alkaline / Mineral Cartridge

Performance Specification	Unit	Value
Purification Capacity	LPH	50 LPH
RO Membrane Capacity	GPD	400 – 600 GPD
Recovery Rate	%	40 – 60%
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	370 – 550W
Purification Technology	—	PPF + GAC + CTO + RO
Installation Type	—	Commercial

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.

Operating Conditions:

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

Note: Recovery rate and purification capacity may vary depending on feed water characteristics, operating pressure, and system maintenance.

