

Product Data Sheet

Aquashine RO PLANT 100 LPH

The **Aquashine Commercial RO Plant (100 LPH)** is a high-capacity, industrial-grade water purification system designed to deliver consistent and reliable performance for commercial and institutional 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

- Schools & Educational Institutions
- Hospitals & Healthcare Facilities
- 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	100 LPH
RO Membrane Capacity	GPD	800 – 1000 GPD
Recovery Rate	%	50 – 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	750 – 1100W
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.

