

AQUAPRO 600G DIRECT FLOW RO SYSTEM

Tankless Under-Sink Reverse Osmosis System with Smart Faucet

Key Features

- High-capacity 600 GPD direct-flow system
- Tankless design with 1.56 L/min rated flow
- Five filtration stages in three cartridges
- 0.0001-micron reverse osmosis membrane
- Alkaline remineralization stage
- Smart faucet with real-time TDS display
- Leak sensor connection for early leak detection
- Quick-change twist-lock cartridges
- Available in black and white

Key Applications

- Residential kitchens
- Apartments and villas
- Office pantries
- Coffee and beverage stations
- Under-sink point-of-use filtration



Product Type

The AQUAPRO ABT-600G is a compact, tankless reverse osmosis system designed for under-sink installation. Three quick-change cartridges provide five filtration stages, including sediment filtration, carbon treatment, reverse osmosis, post-carbon filtration and alkaline remineralization.

General Technical Specifications

Parameter	Specification
Model	ABT-RO1915-600G
Description	Direct Flow RO System with Smart Faucet
Rated Capacity	600 GPD
Purified-Water Rate	1.56 L/min
RO Filtration Precision	0.0001 micron
Input Power	220 V AC, 50/60 Hz
Operating Voltage	24 V DC
Rated Power	80 W
Feed-Water Source	Municipal water
Inlet-Water Pressure	0.1–0.4 MPa
Water Temperature	4–40°C
Dimensions (W × D × H)	142 × 364 × 438 mm
Rounded Dimensions	14 × 36 × 44 cm
Installation	Under-sink or Above the sink
Available Colours	Black and white

System Benefits

1. Tankless design saves under-sink cabinet space.
2. Direct-flow production provides water without a storage tank.
3. Five filtration stages are combined into only three cartridges.
4. Smart faucet displays real-time TDS and filter condition.
5. Leak sensor helps provide early detection of water leakage.
6. Alkaline stage remineralizes the RO-treated water.

Notes

1. Install and operate the system according to the user manual.
2. Flush new and replacement cartridges before normal use.
3. Filter life depends on feed-water quality and consumption.
4. Maintain the specified inlet pressure and temperature.
5. The leak sensor is intended for early leak detection.

Features

Filtration Configuration	5 stages in 3 cartridges
Filter Monitoring	PPC, RO and T33 status
Safety Feature	Leak sensor connection

All dimensions are nominal; tolerance ±1 mm (±0.04"). Compatible with standard filter housings.

SMART MONITORING

— AT A GLANCE —



Real-Time
TDS Display

PPC / RO / T33
Status

Filter Replacement
Reminder

System Status
Indicators



Monitor water quality and filter status directly from the smart faucet.



AQUAPRO®

600G

Reverse Osmosis System
600GPD | Tankless | Compact

Alkaline
Remineralize

RO PPC TDS O



5-STAGE FILTRATION IN 3 CARTRIDGES



1 Sediment Filtration

2 Carbon Block Filtration

3 600G RO Membrane

0.0001 µm filtration

4 T33 Coconut Carbon

5 Alkaline Remineralization

Inlet Water → PP+C → Booster Pump → RO → T33 + Alkaline → Smart Faucet



Recommended replacement: PPC 4–5 months | T33 4–5 months | RO 18–24 months*

*Intervals vary with water quality and usage.

COMPACT TANKLESS DESIGN

Designed to fit neatly under the kitchen sink



Space-Saving



No Storage Tank



600 GPD
Direct Flow