R.O. WATER PURIFIERS · DIRECT FLOW (HIGH FLOW)

AI600 GPD Direct Flow Digital Water Purifier

4-stage reverse osmosis · 600 GPD · Direct flow, tankless · Smart touch display

Digital reverse osmosis water purifier that uses 600 GPD direct-flow technology to produce water at high speed on demand, without storing it in a tank, so the water is always fresh.

The smart touch display shows the TDS of the purified water, the unit status and the filter life; the smart flush system protects the membrane. Suitable for homes and busy offices.



CAPACITY	FILTRATION
600 GPD (2,271 L/day)	**4** stages
TANK	PUMP
None direct flow	**600** GPD

01 FILTRATION STAGES

Stage	Filter	Function	Replace
Stage 1	10" Sediment 5 µm	Retains sand, rust and sediment	6 – 12 months
Stage 2	10" CTO Carbon	Reduces residual chlorine and organics	6 – 12 months
Stage 3	600 GPD (3013) Membrane	Separates dissolved salts and contaminants	12 – 24 months
Stage 4	2" Inline Post Carbon (Quick-connect)	Polishes taste and odour as the final stage	6 – 24 months

Replacement intervals are typical values and depend on water quality and usage.

02 OPERATING CONDITIONS

Feed water pressure	1 – 4 bar (with pump)
Feed water temperature	5 – 38 °C (41 – 100 °F)
Feed water TDS	Max. 500 ppm
Feed water pH	3 – 11
Power supply	220 – 240 V AC, 50 Hz
Pump supply	24 V DC (via adapter)

03 TECHNICAL SPECIFICATIONS

Stock code	3-07-DAD-AI-600
Pump	600 GPD, high-efficiency, quiet
Tank	None (direct flow)
Faucet	Stainless luxury faucet
Connection	Quick-connect, 3/8" feed adapter
Valve	Solenoid valve
Unit size	153 × 391 × 443 mm
Warranty / service life	2 years / at least 10 years

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Made in Türkiye

04 SMART FEATURES

- Smart display
- Touch control
- Purified water TDS display
- Instant TDS reading for pure water
- Unit status display
- Filter life display
- Filter life reminder
- Smart flush

05 FEATURES

- Direct flow: tankless, always fresh water
- High flow and fast water production
- 600 GPD pump and membrane
- Stainless luxury faucet
- Slim cabinet, saves space

06 APPLICATIONS

- Busy offices and workplaces
- Cafés, restaurants and commercial kitchens
- Schools, dormitories and clinics
- Large households and multi-point use

07 INSTALLATION AND MAINTENANCE

01 Shut the cold water valve; fit the connection kit (feed adapter) to the cold water line.

02 Drill the worktop first with a 5 mm, then a 12 mm bit and mount the faucet.

03 Connect the inlet, faucet and drain tubing; plug in the adapter.

04 Open the valve and on first start-up flush the system by running the faucet for a few minutes.

> Do not connect the unit to hot water (above 40 °C). Replace the filters at least once a year; if the unit is not used for more than a month, close the inlet valve and unplug the adapter.

08 LOGISTICS

Model	Box Size (mm)	Box Weight
AI600 GPD	230 × 515 × 490	11.10 kg

Vehicle	Pallets	Boxes / Pallet	Palletised	Loose
20' Container	10	32	320 pcs	500 pcs
40' DC Container	20	32	640 pcs	1,000 pcs
40' HC Container	20	40	800 pcs	1,250 pcs
Curtain-side Truck	26	40	1,040 pcs	—

Pallet size: 100 × 120 cm (ISO pallet).





The technical values in this document are for information purposes only and were obtained under standard test conditions. Actual performance may vary depending on water quality, temperature, pressure and operating conditions. HSC Water reserves the right to change technical specifications without prior notice as part of ongoing product development.

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