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

Aquaglass Large 500 (High Flow) Water Purifier

Direct-flow reverse osmosis · 500 GPD · Parallel pre-filters · Matt / UV-printed cover

Direct-flow reverse osmosis water purifier with a 500 GPD pump and a single 500 GPD membrane, producing water on demand without storing it in a tank. Twin sediment and twin GAC pre-filters connected in parallel support the high flow rate.

Supplied in the Aquaglass Large cabinet with a matt plastic or UV-printed cover. Suitable for busy offices and businesses.



CAPACITY **500** GPD (1,892 L/day)	FILTRATION **4** stages
TANK **None** direct flow	PUMP **500** GPD

01 FILTRATION STAGES

Stage	Filter	Function	Replace
Stage 1	2 × HF 01 Sediment 5 µm (parallel)	Retains sand, rust and sediment	6 – 12 months
Stage 2	2 × HF 02 GAC Carbon (parallel)	Reduces chlorine, taste and odour	6 – 12 months
Stage 3	1 × 500 GPD Membrane	Separates dissolved salts and contaminants	12 – 24 months
Stage 4	HF 05 Post Carbon	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-AGL500
Pump	500 GPD
Membrane	1 × 500 GPD
Tank	None (direct flow)
Faucet	Luxury faucet
Connection	Quick-connect, 3/8" feed adapter
Valve	Solenoid valve
Cover	Matt plastic or UV-printed
Warranty / service life	2 years / at least 10 years

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Made in Türkiye

04 FEATURES

- Direct flow: tankless, always fresh water
- High 500 GPD capacity
- Twin parallel pre-filters
- Automatic operation with solenoid valve
- Matt plastic or UV-printed cover

05 APPLICATIONS

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

06 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.

07 LOGISTICS

Model	Box Size (mm)	Box Weight
Large 500	190 × 550 × 375	12.50 kg

Vehicle	Pallets	Boxes / Pallet	Palletised	Loose
20' Container	10	50	500 pcs	744 pcs
40' DC Container	20	50	1,000 pcs	1,512 pcs
40' HC Container	20	60	1,200 pcs	1,764 pcs
Curtain-side Truck	26	60	2,560 pcs	2,016 pcs

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



UV-printed cover



Matt plastic cover



Box

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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