R.O. WATER PURIFIERS · AQUAGLASS SERIES

Aquaglass Water Purifier

Aqua Glass

5-stage reverse osmosis · 75 GPD · Slim cabinet · UV-printed / matt cover

5-stage reverse osmosis water purifier whose 94 mm deep slim cabinet fits into narrow spaces. Water passing through the HF 2.5" inline pre-filters, the membrane and the final carbon filter becomes clean, great-tasting drinking water.

Available with a UV-printed or matt plastic cover. The pump model has no CTO stage and has 4 stages.



CAPACITY	FILTRATION
75 GPD (284 L/day)	**5** stages
TANK	**PUMP**
8 L metal (2.2 gal)	**With / Without**

01 FILTRATION STAGES

Stage	Filter	Function	Replace
Stage 1	HF 2.5" Inline Sediment 5 µm	Retains sand, rust and sediment	6 – 12 months
Stage 2	HF 2.5" Inline GAC Carbon	Reduces chlorine, taste and odour	6 – 12 months
Stage *3	HF 2.5" Inline CTO Carbon	Reduces residual chlorine and organics	6 – 12 months
Stage 4	75 GPD Membrane Filter	Separates dissolved salts and contaminants	12 – 24 months
Stage 5	2" Inline Post Carbon (Quick-connect)	Polishes taste and odour as the final stage	6 – 24 months

* Stage 3 is fitted on models without pump only; pump models have 4 stages. Replacement intervals are typical values and depend on water quality and usage.

02 OPERATING CONDITIONS

Feed pressure (no pump)	3 – 7 bar
Feed pressure (with pump)	0.2 – 7 bar
Feed water temperature	5 – 38 °C (41 – 100 °F)
Feed water TDS	Max. 500 ppm
Feed water pH	3 – 11
Hardness	Max. 20 °F
Pump supply	24 V DC (via adapter)

03 TECHNICAL SPECIFICATIONS

Stock code	3-05-AG
Tank	8 L metal tank (2.2 gal), external
Faucet	Luxury faucet
Connection	Quick-connect, 3/8" feed adapter
Valve	Shut-off valve
Unit size	94 × 450 × 360 mm
Cover	UV-printed / matt plastic
Warranty / service life	2 years / at least 10 years

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Made in Türkiye

04 FEATURES

- Slim cabinet, 94 mm deep
- Reverse osmosis filtration (4 or 5 stages)
- UV-printed or matt plastic cover
- Available with or without pump
- Easy filter change with quick-connect fittings

05 APPLICATIONS

- Drinking and cooking water at home
- Under-sink kitchen installations
- Offices and small businesses
- Treatment of mains water

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 Place the membrane in its housing; cut the 1/4" tubing into three and connect the inlet, faucet and drain lines.

04 Open the valve (plug in the adapter on pump models); wait 1 hour for the tank to fill.

05 Drain the first tank through the faucet; once it refills, the unit is ready for use.

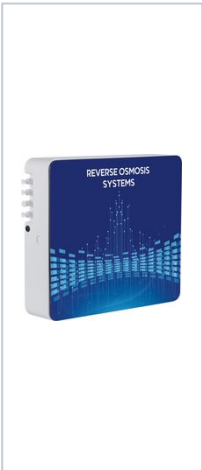
> Do not connect the unit to hot water (above 40 °C). Pressure: below 3 bar use the pump model or a pump kit; above 7 bar fit a pressure reducer at the inlet. Replace the filters at least once a year; if unused for over a month, close the valve and empty the tank.

07 LOGISTICS

Model	Box Size (mm)	Box Weight
Plastic, no pump	142 × 462 × 374	3.65 kg
Plastic, with pump	142 × 462 × 374	5.05 kg
UV-printed, no pump	142 × 462 × 374	4.90 kg
UV-printed, with pump	142 × 462 × 374	6.30 kg
2.2 G tank	230 × 230 × 360	2.65 kg

Vehicle	Pallets	Boxes / Pallet	Palletised	Loose
20' Container	10	80	800 pcs	1,230 pcs
40' DC Container	20	80	1,600 pcs	2,520 pcs
40' HC Container	20	96	1,920 pcs	2,940 pcs
Curtain-side Truck	26	96	2,496 pcs	3,451 pcs

Quantities are for units only; tanks are not included. 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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