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

# Aquaglass Large 600 (High Flow) Water Purifier

Direct-flow reverse osmosis · 600 GPD · Parallel pre-filters · Matt / UV-printed cover

Direct-flow reverse osmosis water purifier with a 600 GPD pump and a single 600 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 | 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 | 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 × 600 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-AGL600 |
| Pump | 600 GPD |
| Membrane | 1 × 600 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 600 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 600 | 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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