R.O. WATER PURIFIERS · COMPACT SERIES

EA Water Purifier

5-stage reverse osmosis · 75 GPD · Plastic frame · With / without pump

Economical 5-stage reverse osmosis water purifier mounted on a plastic frame. Water passing through the HF 2.5" inline pre-filters, the membrane and the final carbon filter becomes clean, great-tasting drinking water.

It works with an external 8 litre metal tank. Available with or without a pump to suit the mains pressure; an alkaline water option can be added on request.



CAPACITY **75** GPD (284 L/day)	FILTRATION **5** stages
TANK **8** L metal (2.2 gal)	PUMP **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

Optional: an extra alkaline, mineral or bioceramic filter stage. 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	**3-04-EA**
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	**275 × 415 × 385 mm**
Frame	**Plastic**
Warranty / service life	**2 years / at least 10 years**

ADDRESS
Beylikdüzü OSB, Bakır ve Pirinççiler Industrial Estate
Karanfil St. No: 3, 34520 Beylikdüzü, Istanbul, Türkiye

CONTACT
T +90 (212) 914 14 34
info@hscwater.com.tr

WEB
hscwater.com

Made in Türkiye

04 FEATURES

- 5-stage reverse osmosis filtration
- Easy filter change with quick-connect fittings
- Plastic frame, compact build
- Available with or without pump
- Economical solution

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
No pump	190 × 340 × 425	2.95 kg
With pump	190 × 340 × 425	4.85 kg
2.2 G tank	230 × 230 × 360	2.65 kg

The unit and the tank are shipped in separate boxes.







pH ~8.5+ ALKALİ SU

Optional Alkaline Water Stage

A 2" inline alkaline filter fitted as an optional extra stage adds minerals such as calcium and magnesium to the reverse osmosis water and raises its pH to about 8.5 or above, giving a softer taste. Specify when ordering.

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.

ADDRESS
Beylikdüzü OSB, Bakır ve Pirinççiler Industrial Estate
Karanfil St. No: 3, 34520 Beylikdüzü, Istanbul, Türkiye

CONTACT
T +90 (212) 914 14 34
info@hscwater.com.tr

WEB
hscwater.com

Made in Türkiye