



5-STAGE RO · WITH BOOSTER PUMP

Under-sink RO system

Five filters in series and a storage tank, for a dedicated drinking-water tap in the kitchen, office or restaurant.

Key features

- **Five stages.** Sediment, two carbons, RO membrane and a taste polisher.
- **Booster pump fitted.** Keeps the membrane working on low mains pressure.
- **Water on demand.** 3 gallon storage tank, ready at the tap.
- **Standard 10" cartridges.** Easy to find, easy to change.



The five stages

#	Cartridge	Rating	What it does	Change every
1	PP spun fibre	1 µm	Removes larger suspended particles	4–6 months
2	Granular carbon	5 µm	Removes organics, chlorine, odour and turbidity	6–12 months
3	Block carbon	1 µm	Takes out what stage 2 leaves behind	6–12 months
4	RO membrane	0.0001 µm	Removes bacteria, heavy metals, dissolved matter and salinity	12–24 months
5	Inline carbon	5 µm	Polishes the taste of the treated water	6–12 months

Change intervals are typical and depend on water quality and use.

Specification

Capacity	50 GPD
Tank	3.0 gallon, plastic
Pump	Diaphragm booster, 220 V
Cartridges	Standard 10"
W × D × H	360 × 145 × 440 mm

Feed water

For mains (municipal) water. On a well or borehole, treat the supply first.

Inlet pressure 1.0–3.0 bar	Water temp. 5–45 °C
Inlet TDS Max. 250 ppm	Flushing Manual