

## Housing

# PF ECO250 Refillable Water Filter Housing

### Description

Specifically developed for residential use, ECO 250 is an undersink mains water filter, consisting of a housing system and replaceable carbon wrap, filter media with optional scale reduction (Ecological).

### Benefits

ECO 250 provides bottled water quality filtered water from your existing kitchen tap. It reduces chlorine levels and improves the taste and odour of the cold water from your cold water tap. A filter change is only required every 6 months (Economical). There is an option to add scale reduction capability to the filter. The filter is a carbon wrap, which gives a higher flow rate and lower pressure drop than traditional carbon block products.



### Certification

Filter housing is tested to NSF Standard 42 for microbiological safety and structural integrity:

- Burst pressure of 400 psi
- Hydrostatic to 375 psi for 15 mins
- Cycle testing from 0 - 150 psi 100,000 times

### Specifications

Housing Construction	FDA approved polypropylene with 10% talc
Filter Media type	Carbon wrap with polypropylene core, with or without phosphate
Capacity	28,000 litres / 7,500 USG
Max Operating Pressure	8.5 Bar / 120 psi
Operating Temperature range	2°C – 35°C / 35°F - 95°F
Flow Rate	5 litres / 1.5 USG per minute
Micron Rating	< 5 micron
Chlorine reduction	>80% reduction of chlorine @ 2ppm over 28.000 litres / 7,500 USG
Scale reduction (Optional)	Using 3.5gm polyphosphate beads, certified to NSF 42
Dimensions	220mm W x 220mm D x 600mm H

#### NOTES:

Performance capacity depends on system design, mains pressure and flow rate and certain other application conditions.

After installation, flush the cartridge for 30 seconds to remove fines before using the water and again after a period of no usage

Estimated capacity using 2 ppm free available chlorine at 0.5 ppm breakthrough.

#### WARNING:

Only use with potable water. Do not use with water that is of unknown quality without adequate disinfection before or after the system