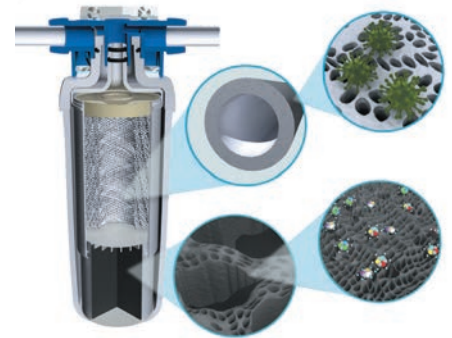


WaterPurifier+

Ultrafiltration membrane cartridge combined with activated carbon

Microbiological outbreaks in water supplies do happen and simple disinfection does not always offer enough protection for the end user. To guarantee safety every time, Fealter offers hollow fiber membrane products with billions of microscopic pores small enough to retain viruses, bacteria and cysts, but large enough to allow vital minerals through. Our membrane cartridges offer unique FailSafe protection, which ensures the filter will block towards the expiry date.



Due to its porous structure, activated carbon can bind chemical contaminants, such as chlorine, pesticides, medical residues and heavy metals if present in drinking water. Taking this to the next level, the Fealter cartridge range includes a special grade of certified activated carbon for point-of-use applications which also greatly improves taste and odor.



Benefits

- Virus, bacteria and cyst reduction
- Chemical contaminant reduction
- Taste and odor improvement
- Chlorine and heavy metals reduction
- Unique FailSafe protection
- Quick connect couplings for hygienic handling



Applications

- POU drinking water filtration
- Office coffee & water, vending applications
- Food service



Materials and operating specifications

Filter media

Capillary ultrafiltration membranes
Activated Carbon Block

Operating pressure

0.5 - 4 bar (7 - 58 psi)

Operating temperature

0 - 40 °C (32 - 104 °F)

Storage & handling

- Keep dry during storage; protect against freezing after first use
- Handle with care; do not expose to shocks
- Disposable product; discard as regular waste

Installation, operating & maintenance

- Install vertically with cartridge hanging down
- Use minimum length of tubing possible
- Flush to drain for 10 minutes at full flow
- Replace cartridges when capacity is reached or when flow becomes too slow, but at least every 6 months
- Do not remove cartridge from installation before end-life of filter



Filter cartridge specifications & performance data⁽¹⁾

Model number	24.2.101
Model name	WaterPurifier+
Max. dimensions	240 x 88 mm
Weight	510 g
Connection	3/8 inch BSP
Rated capacity	3,500 L (900 G)
Rated service flow	3.8 Lpm (1 Gpm) ⁽²⁾
Recommended service life	6 months
Biological retention ⁽³⁾	Viruses > log 4 (MS2 phages) Bacteria > log 7 (Klebsiella T.)

⁽¹⁾ Product performance is dependent on incoming water conditions

⁽²⁾ Flow restricted

⁽³⁾ Tested by BioVir Laboratories, CA, USA. By mechanical means

Claims

Substance	Influent challenge concentration	Reduction requirement	Overall reduction
Chlorine	2.0 mg/L ± 10%	≥ 50%	> 50%
Cyst	Minimum 50,000/L	99.95%	> 99.99%

This system has been tested according to NSF/ANSI 42/53 for the reduction of the substances above. The concentration of the indicated substances in water entering the system was reduced to a concentration less than equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42/53.

This System is not intended to convert wastewater or raw sewage into drinking water.

Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

While testing was under standard laboratory conditions, actual performance may vary.