



ENVI500 Range: Specialised Commercial Solutions

ENVI500, tailored for commercial use, offers carbon filter refills or ion exchange cartridges to remove contaminants. It's especially suitable for hot water applications, minimising maintenance costs, making it an excellent choice for boiling water tanks and coffee machines.

- Carbon Filter Refills: These specialized carbon-based refills are designed to eliminate chlorine taste, odours, and offensive contaminants.
- Ion Exchange Resin Cartridge: Ideal for hot or boiling water applications, the ENVI500 Prevents scale build thereby reducing servicing costs.

- ✓ Tailored for commercial use.
- ✓ Chlorine and odour removal.
- ✓ Prevents scale build up.
- ✓ Ideal for boiling water tanks and coffee machines.



ENVI500 is specifically developed for use in commercial applications and is available Carbon filter refills or replaceable cartridge containing ion exchange resin.

Benefits and Applications

Carbon filter refills

The ENVI500 range of carbon based refills are designed to remove and reduce chlorine taste and odour and other offensive contaminants, such as: chloramine, lead, herbicides, micropollutants, pharmaceutical and pesticides for great tasting drinking water. Slowphos® media versions available to control scale, A lead reduction carbon block can be used if required.

Ion exchange resin cartridge

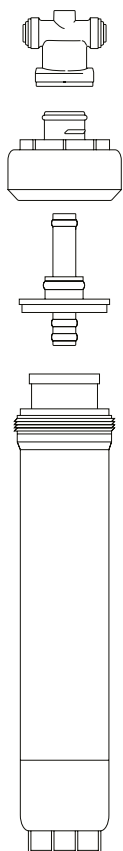
ENVI500 is particularly suited for Hot or Boiling water applications where there is a need to prevent scale build up thereby reducing servicing costs. The carbon block reduces chlorine levels and improves taste and odour of the water.

- Boiling water tanks
- Coffee Machines

Certification

ENVI500 Filter housing is certified 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

Capacity

Depending on choice :Carbon 25,000 Litres to126,000L

Operating Temperature range

4°C – 40°C / 39°F - 104°F

Flow Rate

Max. 9.45 lpm

Dimensions

494mm H X 125 W

Media type

Carbon or Ion Exchange resin based

Max Operating Pressure

8.5 Bar / 120 psi

Water inflow temperature range

4°C – 40°C / 39°F - 104°F

Micron Rating

Depending on Media– Range from 0.2 to 5 micron

Mounting orientation

Vertical

NOTES:

Performance capacity depends on system design, mains pressure and flow rate, incoming water parameters 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

Product Code	System Type
ENVI50014*	enviro+ 500 System + 1/4PF Head (with scale removal insert)
ENVI50038*	enviro+ 500 System + 3/8PF Head (with scale removal insert)
ENVI50038V**	enviro+ 500 System + 3/8PF Head (with scale removal insert)
ENVI500CARBU	enviro+ 500 System + 3/8PF Head (with carbon only insert)

Product Code	Media Type	Sediment	Chlorine Reduction	Lead Reduction
22000427	Carbon Block (5m)	✓	✓	✗
22000554	Fibrethane Block (0.5m)	✓	✓	✓
22000557P	Resin/Carbon Riser (1m)	✓	✓	✗

Product Code	Media Type	Cyst Reduction	Anti-Microbial Resistance	Scale Protection
22000427	Carbon Block (5m)	✗	✗	✗
22000554	Fibrethane Block (0.5m)	✓	✓	✗
22000557P	Resin/Carbon Riser (1m)	✗	✗	✓

m = micron rating