

Why are water filters important?

Water filters are crucial for ensuring drinking water is safe, clean, and enjoyable to drink. They also play an active role in protecting the appliance itself.

Water filters will

- Remove contaminants
- Improve taste & odour
- Protect health
- Extend appliance lifespan
- Enhance hydration
- Compliance with standards

How do they work?

Installed inside a cooler, fountain, boiler, or other water dispensing machine, filters are connected to the water supply. The tubing that carries the water from the mains, bottle, or tank connects to a plastic filter housing. Flowing 'IN' from the left, and 'OUT' from the right.

Inside the housing, is a filter candle which is the active component in removing impurities from the water as it passes through. There are different types of filter candles on the market which all perform a slightly different function, so it's important to make sure you understand the differences in order to supply your customers with the correct filtration solution.

The two most common industry standard filters are Carbon Block and Nanofilter candles. Carbon Block candles are used to remove the taste and smell of chlorine. Nanofilter candles are far more sophisticated, removing bacteria, viruses and more. See the next section to read more about Nanofilter protection.



Nanofilter Technology

There are a wide range of water filters available on the market, some are generic, and others are more specialist, designed for hot water as an example. The Nanofilter is a specialist chilled water filter that utilises enhanced technology to remove bacteria, viruses and other contaminants effectively.

The Nanofilter features a multilayered woven structure, specifically engineered to ensure superior filtration. The mesh like structure resists blocking whilst guaranteeing optimum flow rate. This design is so successful that it removes 99.9% of any contaminants.

We have a helpful video that illustrates the difference between Nanofilter candles and carbon block candles. You can watch the video following the link below, or by accessing it on our designated videos page.



Green initiative

The Nanofilter is an eco-conscious product, with the filter itself being made from bio degradable materials. This means that the candle can be recycled with household waste as opposed to being sent to landfill.

When installed, the Nanofilter sits inside a plastic filter housing. Traditional filters are sold as a candle and plastic housing sealed together. These traditional water filters are not recyclable as you can't separate the candle from the housing. The Nanofilter is sold as a candle only, compatible with our filter housing, which allows the candles to be interchanged.

This not only means that the Nanofilter candle can be recycled, but it also means you can reuse the plastic housing. The housing can be reused up to 10x, which also saves you and your customer money.

