



'Onyx' (CF) Data Sheet

The removal of organic chemicals, chlorine and scale reduction.

The 'Onyx' Cartridge is suitable with an existing filter system (including fridges) to replace an existing cartridge or in an addition housing.

How does it work?

The special disposable cartridge contains a deep bed of Granular Activated Carbon which absorbs and clings impurities to its fine pore structure. In the carbon is placed a small amount of approved food-grade Hexametaphosphate crystals. These crystals dissolve and keep the calcium molecules in suspension and therefore the scale does not stick to your kettle element.

The CFR cartridge has the addition of an advanced redox alloy (KDF Kinetic Degradation Fluxation) which increases the effectiveness of the GAC by turning contaminants into compounds which are then easily removed by the carbon. The small charge given off by the KDF redox alloy is also known to kill any bacteria which may be in the water supply, especially desirable as a safety feature if the unit is left idle for long periods of time.

Do I need to keep my element kettle clean?

No. Not for any health reasons but scale on elements will mean that the kettle will be inefficient and often seems to mean that kettles need replacing more frequently. (When the calcium carbonate (lime scale) precipitates out of the water at 70 °C the temporary hardness goes from solution to its visual solid (scale).)

Maintenance Any scale that may form on the element will be soft and should be wiped clean at least once a week

Do I need to remove organic chemicals?

Yes, Synthetic Organic Chemicals (SOC) Volatile Organic Chemicals (VOC) and Trihalomethanes (THM) are known carcinogens. Taste and odour given by organic chemicals are just plain unpleasant.

When will the cartridge need changing?

Manufacturers recommend 6 months, to comply with current regulations to change cartridges on a regular basis. Cartridge capacity- 4000 litres.

Where do I purchase the cartridge?

From ItDoesTheJob.com. If you are an existing customer, we can set up a reminder system to notify you that your cartridge needs changing after a fixed period of time.

For advice call 020 8539 4707