

Performance

Independently tested performance claims:

Candle Grade 49mm

BioTect Ultra®

Sterasyt® microfilter plus carbon block core and heavy metals removal media

Filtration Rating (% particulate filtration efficiency)	Absolute (defined as >99.99%)	0.9 micron
	Nominal (defined as >99.9%)	0.5 to 0.8 micron
	Nominal (defined as >97%)	0.2 to 0.3 micron
Working Pressure (for pressure filter use)	Minimum	10 psi
	Maximum	125 psi
Working Parameters	Working temperature range	5 – 30 (°C)
	Working pH range	5.5 – 9.5
	Suitable for use in Gravity filters	N/A
	Recommended change frequency	6 months
Flow Rate Unrestricted Flow at 3 Bar Pressure up to	Litres per minute	3.3
	US gallons per minute	0.9
To achieve maximum performance	Litres per minute	1.9
	US gallons per minute	0.5
Capacity Before replacement to guarantee performance	Litres	2300
	US gallons	600
Quality Approval	NSF certified version available*	YES
	WRAS approved	‡PENDING
	Turbidity reduction to NSF std. 53	>98%
Pathogenic Organisms	% Bacteria Removal**	E. Coli / Cholera / Shigella / Typhoid / Klebsiella Terrigena
	% Cyst Removal	Cryptosporidium
		Giardia
		>99.99%
Trace Organics Removal	Insecticides	Lindane @ 0.1ppb presence
	Herbicides	Atrazine @ 1.2ppb presence
	Phenols	TCP @ 1.2ppb presence
	Polyaromatic Hydrocarbons	PAHs @ 0.2ppb presence
	Trihalomethanes	Chloroform @ 150ppb presence
Enhanced Organics Removal	Lindane	2ppb presence
	Atrazine	9ppb presence
	Benzene	15ppb presence
Inorganics Removal	Free Chlorine Removal	2ppm presence to NSF Class 1 Std 42
		>96%
Monochloramine Reduction	3ppm presence	N/A
	2ppm presence	Ave 64%
Heavy Metals Removal	Lead reduction pH6.5	@ 150ppb presence to NSF Std 53
	Lead reduction pH8.5	@ 150ppb presence to NSF Std 53
	Mercury reduction pH6.5	@ 6ppb presence
	Cadmium reduction pH 6.5	@ 30ppb presence

* NSF certified replacement element Doulton BioTect Ultra® as verified by testing in HIP Inline Systems.

† Internally generated test data. ‡ Under approval process.

** Ceramics tested in HIS filter housing with a minimum of 5 log/100mls influent challenge.

Manufactured by:

Doulton Water Filters, Newcastle, Staffordshire, ST5 9BT, United Kingdom.

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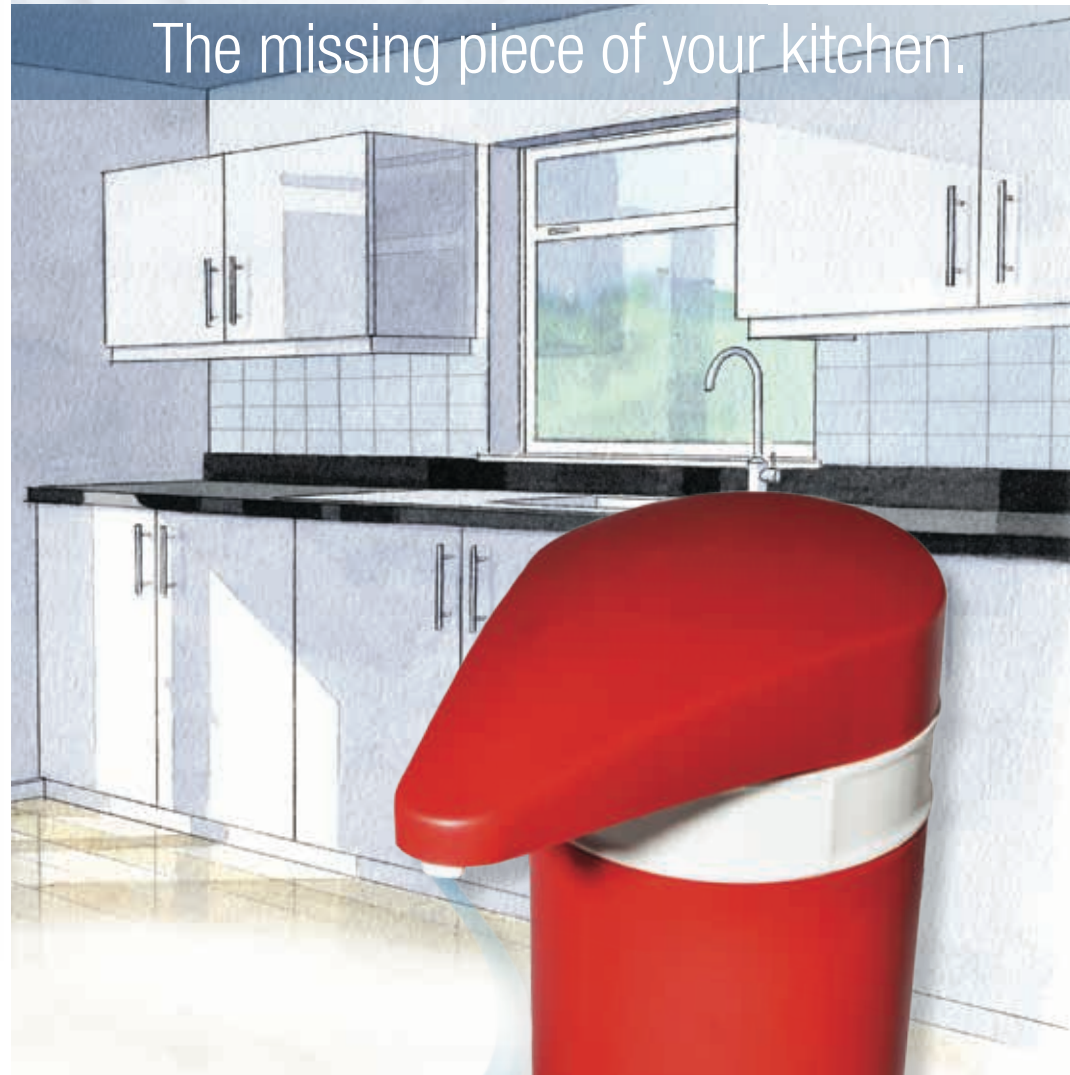
Certifications held by Fairey Industrial Ceramics Limited, see website for full details.

Doulton®, filtadapt® and BioTect Ultra® are trademarks registered to Fairey Industrial Ceramics Limited.

State restrictions may limit the availability of certain products in California, Iowa and Wisconsin.











The missing piece of your kitchen.

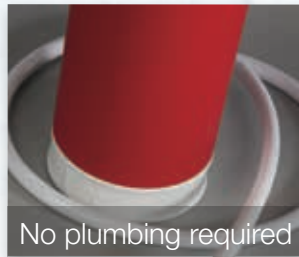


The new contemporary drinking water filter



Filter Adaptability

-  **360° swivel spout**
versatile positioning on the counter
-  **Top loading candle**
easy access to candle
-  **Minimum footprint**
space saving modern shape
streamlined for easy cleaning
-  **Bayonet construction**
easy quarter turn access for cleaning and maintenance
-  **Variety of filter elements**
to solve most common water
contamination issues
-  **Push-Fit fittings**
adjustable length tubing
-  **No plumbing required**
connects to the tap via a diverter valve
-  **Modular design**
interchangeable coloured body sleeve and cap



Multistage Filtration...

...in one filter cartridge

Stage 1
Sterasyl® ceramic outer shell – Micro Filtration including pathogenic bacteria, cyst reduction and turbidity

Stage 2
Activated carbon in the Supercarb®, Ultracarb® and BioTect Ultra® reduces chlorine and organics improving taste and odour

Stage 3
Ultracarb®, Ultracarb SI® and BioTect Ultra® also contain lead removal media, which takes out toxic lead

Stage 4
Slow release scale inhibitor available with the Supercarb SI® and Ultracarb SI® reduces scale build up downstream of the filter



Material Adaptability

-  **Water contact materials and components**
all suitable for use with potable water selected for ease of NSF and WRAS certification
-  **Non water contact components**
changeable sleeve and cap total freedom of colour choice
-  **High efficiency filter**
>99.99% filtration of pathogenic bacteria, cysts and particles.
-  **Long life / Value for Money**
Cleanable filter surface for prolonged life.
-  **No power required**
Cost effective to run.
Protects without power.
-  **Virtually no plastic waste**
Reusable housing means less plastic waste.



Operating Conditions

Working pressure range: 0.7 bar (10 psi) – 8 bar (125 psi)

Working temperature range: 5 - 30°C (41 - 86°F)

This filter is not designed for the treatment of hot water and should only be used to dispense cold water.

360°

All material BPA Free

www.doulton.com