

Performance

Independently tested performance claims:

Candle Grade 49mmø

Filtration Rating (% particulate filtration efficiency)		Absolute (defined as >99.99%) Nominal (defined as >99.9%) Nominal (defined as >97%)	0.9 micron 0.5 to 0.8 micron 0.2 to 0.3 micron
Working Pressure (for pressure filter use)		Minimum Maximum	10 psi 125 psi
Working Parameters		Working temperature range Working pH range Recommended change frequency	5 – 30 (°C) 5.5 – 9.5 6 months
Flow Rate Unrestricted Flow at 3 Bar Pressure up to		Litres per minute US gallons per minute	3.3 0.9
To achieve maximum performance		Litres per minute US gallons per minute	1.9 0.5
Capacity	Before replacement to guarantee performance	Litres US gallons	2300 600
Quality Approval		NSF certified version available* WRAS approved Turbidity reduction to NSF std. 53	YES ‡PENDING >98%
Pathogenic Organisms			
% Bacteria Removal**		E. Coli / Cholera / Shigella / Typhoid / Klebsiella Terrigena	>99.99%
% Cyst Removal		Cryptosporidium Giardia	>99.99% >99.99%
Trace Organics Removal			
Insecticides		Lindane @ 0.1ppb presence	>85%
Herbicides		Atrazine @ 1.2ppb presence	>85%
Phenols		TCP @ 1.2ppb presence	>50%
Polyaromatic Hydrocarbons		PAHs @ 0.2ppb presence	>95%
Trihalomethanes		Chloroform @ 150ppb presence	>50%
Enhanced Organics Removal			
Lindane		2ppb presence	Ave 70%
Atrazine		9ppb presence	Ave 90%
Benzene		15ppb presence	Ave 87%
Inorganics Removal			
Free Chlorine Removal		2ppm presence to NSF Class 1 Std 42	>96%
Monochloramine Reduction		2ppm presence	Ave 64%
Heavy Metals Removal			
Lead reduction pH6.5		@ 150ppb presence to NSF Std 53	98.7%
Lead reduction pH8.5		@ 150ppb presence to NSF Std 53	†99.1%
Mercury reduction pH6.5		@ 6ppb presence	Ave 90%
Cadmium reduction pH 6.5		@ 30ppb presence	Ave 95%

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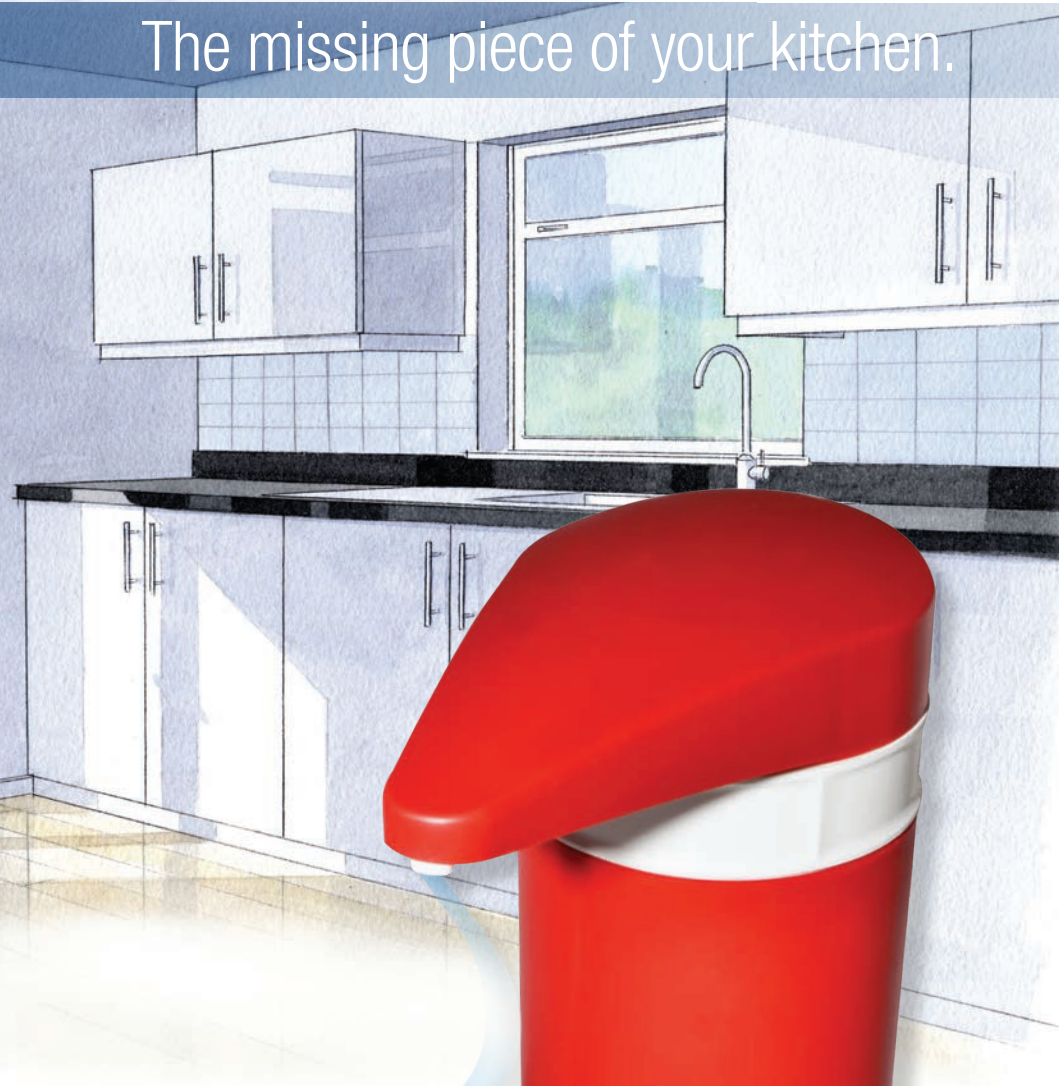
Certifications held by Fairey Industrial Ceramics Limited, see website for full details.

Doulton®, Sterasyl®, 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.

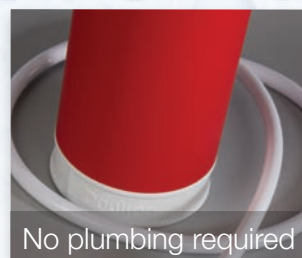


The new contemporary drinking water filter



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



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.



Multistage Filtration...

...in one filter cartridge

Stage 1

Ceramic outer shell - Micro Filtration of bacteria, cysts and particles

Stage 2

Anti-bacterial formulation contains silver to prevent microbiological growth within the ceramic element

Stage 3

Activated carbon block takes out chlorine and organics improving taste and odour

Stage 4

Heavy metal reduction media takes out toxic lead, cadmium and mercury



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