

Upgrade your drinking water with the Doulton® **DUO™**

Two Stage Drinking Water Filter



DUO™ is a two stage filter system. Consisting of two chambers, the DUO™ can be fitted with a combination of water treatment cartridges and cleanable ceramic filters to treat a range of water conditions.

Technical Specifications

Connections

3/8" push fit inlet and outlet suitable for connection to flexible plastic pipe

Flow Rate

Up to 240 litres/hour @ 60psi (4 bar) supply pressure, but this will depend upon the combination of filter elements fitted.

For optimal efficiency a flow rate of 2 litres per minute is recommended.

Working Pressure Range

1.4 bar (20psi) – 6 bar (90psi)

Working Temperature Range

Recommended range 5-30°C (41-86°F)



Stage 1 - First Chamber



Water Treatment Cartridges

Doulton® water treatment cartridges allow the removal of additional contaminants from your drinking water, giving you the flexibility to customise the system to your requirements:

Sediment Reduction

Assembled using NSF approved materials this cartridge is designed for use in areas subject to high sediment. This treatment cartridge will remove sediment and particles down to 5 microns.

Chlorine Reduction

A high capacity DCB10 carbon block providing a high flow solution for the removal of chlorine. This product reduces sediment and significantly improves the taste and odour of drinking water for up to 15,000 litres. Assembled using NSF approved materials.

Limescale Reduction

This WRAS approved treatment cartridge contains highly effective ion exchange media which works to protect against limescale build-up, reducing the hardness in drinking water and the unpleasant chalky taste that hard water can have, for up to 3 months depending on the water quality.

Nitrate Reduction

A water treatment cartridge manufactured with ion exchange resin to meet WRAS requirements. For the reduction of nitrates present in municipal drinking water supplies, which can cause sickness if ingested at high levels.

Fluoride Reduction

The fluoride cartridge is manufactured using WRAS and NSF approved materials and reduces unwanted naturally occurring and added fluoride to safe levels in mains supplied drinking water.

Healthy water, healthy life.

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Stage 2 - Second Chamber

Ceramic Filter Candle

The second chamber of the DUO™ houses the ceramic filter candle. Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions.

Supercarb®

The Supercarb® grade of candle is fitted with an activated carbon block. Among other things, activated carbon is very effective at removing chlorine and organics from water.

Ultracarb®

The Ultracarb® ceramic filter candle has all the benefits of the Supercarb® with additional heavy metal reduction media, for the removal of toxic lead.

+Doulton® ceramic filter candles should be replaced after 6 months of daily use.

+Filter cartridge and candle life may vary depending on local water quality and usage.



Multistage filtration in one filter candle

Stage 1

Outer Shell – Micro Filtration including pathogenic bacteria, cyst reduction and turbidity*

Stage 2

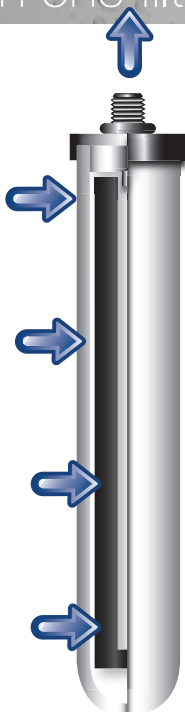
Anti-bacterial formulation contains silver to inhibit microbiological growth within the ceramic element

Stage 3

Activated carbon takes out chlorine and organics improving taste and odour

Stage 4

The Ultracarb® grade of candle contains heavy metal removal media, with takes out toxic lead



			Supercarb®	Ultracarb®
Pathogenic Organism Removal	Bacterial Removal	E. Coli, Cholera, Shigella Typhoid, Klebsiella Terrigena	✓	✓
	Cyst Removal	Cryptosporidium Giardia	✓	✓
Trace Organics Removal	Insecticides	Lindane	✓	✓
	Herbicides	Atrazine	✓	✓
	Phenols	TCP	✓	✓
	Polyaromatic Hydrocarbons	PAHs	✓	✓
	Trihalomethanes	Chloroform	✓	✓
Inorganics Removal	Free Chlorine Removal		✓	✓
	Lead Removal			✓

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

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Independently tested, see website for full technical and performance specifications and product availability.

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

