

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

Typically 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

0.7 bar (10psi) – 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 & Particle Pre Filter

In areas of high sediment, fitting a Doulton® pre filter in the first chamber of the DUO™ will remove sediment and particles down to 5 microns in

size. It also protects the ceramic filter candle in Stage 2, preventing the need for excess cleaning, thus prolonging its life.

Cleansoft™ Pre Filter

Protect against the damaging effects of hard water by using the Doulton® Cleansoft™ limescale reduction cartridge. This will reduce hardness in drinking water and the unpleasant 'chalky' taste that hard water can have. Cleansoft™ will improve limescale build up in kettles and the film which can form on the surface of hot drinks.

Fluoride Pre Filter

The fluoride reduction cartridge reduces unwanted naturally occurring and added fluoride to safe levels in your mains supplied drinking water.

+Doulton® Water Treatment Cartridges provide protection for up to 3 months.

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.



Healthy water, healthy life.

DUO™ Two Stage Drinking Water Filter

Multistage filtration in one filter candle

Stage 1

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

Stage 2

Anti-bacterial formulation prevents 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.

