

Neat and compact, the Water Shop's Royal Doulton Superblock Twin water filtration system can be conveniently installed under the sink. It comes with a range of attractive chrome taps from which you may choose at no extra cost. The tap can be easily mounted on your bench top or stainless steel sink.

The undersink filter has simple to follow instructions and is easily installed by a plumber or handyman. All plumbing parts and fittings are included with a range of DIY kits available for those with a cold water connected dishwasher.



Filtration Process

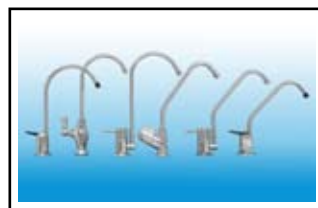
Stage 1: Sterasyl Ceramic

Doulton Sterasyl is a highly efficient ceramic micro filter which provides absolute sub micron filtration. In addition to fine particulate matter, bacteria, cysts and turbidity are removed to a high level of efficiency.

The incorporation of silver locked within the ceramic structure inhibits the growth of bacteria giving enhanced bacteriostatic and self-sterilising properties.

Stage 2: Ompipure Carbon

The Ompipure 1 micron high purity activated carbon block filter is unsurpassed at removing chemicals, pesticides and heavy metals.



Range of taps

Features

- ◆ Dimensions: 320 H x 230 W (mm)
- ◆ Flow Rate: 3 litres per minute
- ◆ Filter Output: 5,000 litres plus
- ◆ Contact Time: 30 sec (approx) at a litre per minute flow rate through 25 cm of compressed carbon block
- ◆ Warranty Replacement: 5 years on materials and workmanship, exclusive of replacement cartridges
- ◆ Can be scrubbed many times - extending the ceramic cartridge life

Effectively Removes

- | | |
|-------------------|----------------|
| ✓ Algae | ✓ Giardia |
| ✓ Aluminium | ✓ Heavy Metals |
| ✓ Ammonia | ✓ Herbicides |
| ✓ Bacteria | ✓ Lead |
| ✓ Cadmium | ✓ Mercury |
| ✓ Chlorine | ✓ Parasites |
| ✓ Chloroform | ✓ Pesticides |
| ✓ Copper | ✓ Rust & Dirt |
| ✓ Cryptosporidium | |

The exceptional performance of the Ompipure Carbon Cartridge and the Royal Doulton Ceramic Cartridge has been tested and certified by the Australian Water Quality Centre, an NATA registered laboratory (lab reports available). All filters should be installed on cold water lines only.

Distributed by:

NO: HC109730

METHOD(S) USED

1. The submitted **Royal Doulton Heavy Duty Twin Undersink** Drinking Water System was flushed for 15 minutes with distilled water to remove any loose particles.
2. Samples of synthetic water with pre-determined level of bacteria (E.coli), residual chlorine; metals (iron, lead, manganese, cadmium, copper, mercury, aluminum, & zinc), and Trihalomethane (THM) (Bromodichloromethane, Bromoform, Chloroform & Dibromochloromethane) were prepared.
3. The prepared synthetic water was allowed to run through the submitted water filter and the effluent from the filter was collected.
4. The contents of all effluent were determined with reference to:
 - a. APHA 18ed 9215 A and B
 - b. HACH Colorimetry
 - c. APHA 20ed 3120 B
 - d. Purge & Trap Technique followed by Gas Chromatographic/Mass Selective Detection.

TEST RESULT(S)

	Before Filtering	After Filtering	% Reduction
a. Count of Escherichia coli	836,000 CFU/ml	0 CFU/ml	100.0
b. Residual chlorine content	56 mg/L	<0.05 mg/L	99.9
c. Metals			
Iron	10.23 mg/l	<0.01 mg/L	99.9
Lead	10.14 mg/L	<0.01 mg/L	99.9
Manganese	10.24 mg/L	<0.01 mg/L	99.9
Cadium	9.782 mg/L	<0.001 mg/L	99.9
Copper	9.681 mg/L	<0.01 mg/L	99.9
Mercury	10.06 mg/L	<0.01 mg/L	99.9
Aluminum	9.856 mg/L	0.10 mg/L	99.0
Zinc	10.13 mg/L	<0.01 mg/L	99.9
d. Trihalomethane (THM)			
Bromodichloromethane	93 mg/L	<0.5 mg/L	99.5
Bromoform	100 mg/L	<0.5 mg/L	99.5
Chloroform	100 mg/L	<0.5 mg/L	99.5
Dibromochloromethane	95 mg/L	<0.5 mg/L	99.5

Notes:

< denotes less than

CFU/ml denotes Colony Forming Unit per millilitre

Mg/L denotes milligram per Litre

mg/L denotes microgram per Litre

ACCOUNT NO: 122451

Supplementary report prepared by the Water Treatment Unit.

TEST RESULTS FOR SUPERBLOCK CARBON CARTRIDGE

Component Name	Unfiltered Water	Filtered Water	% Reduction
General Data			
Chlorine	2.5 mg/L	<0.1 mg/L	>99.9
Suspended Solids	47 mg/L	1 mg/L	>97.0
Nutrients			
Nitrate as nitrogen	44.5 mg/L	0.001 mg/L	>99.9
Metals			
Arsenic	0.046 mg/L	<0.001 mg/L	>97.8
Copper	3.041 mg/L	<0.001 mg/L	>99.9
Lead	0.9690 mg/L	<0.0005 mg/L	>99.9
Mercury	1.5540 mg/L	<0.0005 mg/L	>99.9
Disinfection By Products			
Total Trihalomethane (THM)			
Bromodichloromethane	6010 mg/L	<4.0 mg/L	>99.9
Chloroform	2490 mg/L	<1.0 mg/L	>99.9
Bromodichloromethane	2850 mg/L	<1.0 mg/L	>99.9
Bromoform	670 mg/L	<1.0 mg/L	>99.8
Pesticides			
Lindane	2.46 mg/L	< 0.05 mg/L	>98.0

Notes:

< denotes less than

Mg/L denotes milligram per Litre

mg/L denotes microgram per Litre

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