
GW5

WHOLE HOUSE

WATER FILTER

Specification Sheet



Glacier **GW5** whole house water filters use a specialised filter which is primarily used for the reduction of chlorine and related contaminants from mains water supplies. Activated carbon will **improve the taste & odour** properties of the mains water supply and make all the water in your home fresh and clean.



One of the major attributes of granular activated carbon treatment is its ability to remove a wide variety of toxic compounds to non-detectable levels. Granular activated carbon is a purely natural product, made from crushed **coconut shells** treated with steam and pressure to create a media with an enormous number of porous sites in and over the entire surface. As water passes across the carbon media, the contaminants are held within deep fissures on the surface or are altered by the catalytic action of the media.

RESULTS

Results were compiled by an independent EPA certified laboratory in the USA.
 GW5 Whole House Water Filter performance rating: 1 = Very High, 2 = Good, 3 = Moderate

Chemical Name Performance

| | |
|----------------------------|---|
| 2,4 - D | 1 |
| Acetic acid | 3 |
| Acetonitrile | 4 |
| Acrylamide | 3 |
| Alachlor | 1 |
| Aldrin | 1 |
| Anilene | 2 |
| Anthracine | 1 |
| Atrazine | 1 |
| Azinthos-ethyl | 1 |
| Bentazone | 1 |
| Benzene | 2 |
| Benzyl alcohol | 2 |
| Benzoic acid | 2 |
| Biphenyl | 1 |
| 2,2-Bipyridine | 1 |
| Bis(2-choroethyl)ether | 2 |
| Bis(2-ethylhexyl)phtalate | 1 |
| Bromacil | 1 |
| Bromodichloromethane | 2 |
| Bromoform | 2 |
| p-Bromophenol | 1 |
| Butylbenzene | 1 |
| Calcium hypochlorite | 1 |
| Carbofuran | 1 |
| Carbon tetrachloride | 2 |
| Chlorine | 1 |
| Chlorine dioxide | 1 |
| Chlorobenzene | 1 |
| Chloroethane | 3 |
| Chloroform | 3 |
| 4-Chloro-2-nitroluene | 1 |
| 2-Chlorophenol | 1 |
| 1-Chloropropane | 2 |
| Chlorotoluene | 1 |
| Chlorotoluron | 2 |
| Chrysene | 1 |
| m-Chresol | 1 |
| Cyanazine | 1 |
| Cyclohezane | 1 |
| DDT | 1 |
| Deisopropytatrazine | 1 |
| Desethylatrazine | 1 |
| Demeton-0 | 1 |
| Di-n-butylphtalate | 1 |
| Dibromo-3-chloropropane | 2 |
| Dibromochloromethane | 2 |
| 1,2-Dichlorobenzene | 1 |
| 1,3-Dichlorobenzene | 1 |
| 1,4-Dichlorobenzene | 1 |
| 2,4-Dichlorocresol | 1 |
| 1,1-Dichloroethane | 3 |
| 1,2-Dichloroethane | 3 |
| 1,1-Dichloroethylene | 2 |
| 1,2-Dichloroethylene | 2 |
| trans 1,2-Dichloroethylene | 2 |
| 2,5-Dichlorophenol | 1 |
| 3,6-Dichlorophenol | 1 |
| 2,4-Dichlorophenoxy | 1 |
| 1,2-Dichloropropane | 2 |

Chemical Name Performance

| | |
|-------------------------|---|
| 1,3-Dichloropropane | 3 |
| Dieldrin | 1 |
| Diethylphtalate | 1 |
| Dikegulac | 3 |
| Dimethoate | 3 |
| 2,4-Dinitrocresol | 1 |
| 2,4-Dinitrotoluene | 1 |
| 2,6-Dinitrotoluene | 1 |
| 2,4-Dintrotoluene | 1 |
| 1,4-Dioxane | 4 |
| Diuron | 1 |
| Endosulfan | 1 |
| Endrin | 1 |
| Ethyl acetate | 3 |
| Ethyl ether | 3 |
| Ethylbenzene | 1 |
| Ethylene | 2 |
| Freon 11 | 3 |
| Freon 113 | 3 |
| Freon 12 | 3 |
| Glyphosate | 3 |
| Hexachlorobenzene | 1 |
| Hexachlorobutadiene | 1 |
| Hexane | 1 |
| 2-Hexane | 2 |
| Hydroquinone | 2 |
| Imazipur | 3 |
| Isodrin | 1 |
| Isooctane | 1 |
| Isopropyl alcohol | 4 |
| Isoproturon | 1 |
| Lindane | 1 |
| Linuron | 1 |
| Malathion | 1 |
| MCPA | 1 |
| Mecoprop | 1 |
| Metazachlor | 1 |
| Methionine | 3 |
| Methyl-tert-butyl ether | 3 |
| 2-Methyl benzenamine | 1 |
| Methyl ethyl ketone | 3 |
| Methyl isobutyl ketone | 2 |
| Methyl napthalene | 1 |
| 4-Methylbenzenamine | 2 |
| 2-Methylbutane | 1 |
| Monuron | 1 |
| Napthalene | 1 |
| Nitrobenzene | 1 |
| m-Nitrophenol | 1 |
| o-Nitrophenol | 1 |
| p-Nitrophenol | 1 |
| Ozone | 1 |
| Parathion | 1 |

Chemical Name Performance

| | |
|---------------------------|---|
| Pentachlorophenol | 1 |
| 1-Pentanol | 2 |
| Phenol | 2 |
| Phenylalanine | 2 |
| 0-Phptalic acid | 2 |
| 1-Propanol | 4 |
| Propazine | 1 |
| Pyridine | 3 |
| Simazine | 1 |
| Sodium hypochlorite | 1 |
| Styrene | 2 |
| Terbutryn | 1 |
| 1,1,2,2-Tetrachloroethane | 2 |
| Tetrachloroethylene | 1 |
| Toluene | 2 |
| 1,1,1-Trichloroethane | 2 |
| 1,1,2-Trichloroethane | 3 |
| Trichloroethylene | 2 |
| Triclopyr | 1 |
| 1,3,5-Trimethylbenzene | 1 |
| Vinyl acetate | 2 |
| Vinyl chloride | 3 |
| m-Xylene | 1 |
| o-Xylene | 1 |
| p-Xylene | 1 |
| 2,4-Xylenol | 1 |

Our filters also remove:

| |
|---|
| Pesticides: |
| Simazine |
| Atrazine |
| Lindane |
| Malathion |
| Dieldrin |
| Trihalomethanes: |
| Chloroform |
| Dibromochloromethane |
| Bromaform |
| Carbon Tetrachloride |
| Trychloroethylene |
| Tetrachloroethylene |
| Polynuclear aromatic hydrocarbons: |
| Benzo (a) pyrene |
| Benzo (ghi) perylene |
| Benzo (k) fluoranthen |
| Indeno (123cd) pyrene |
| Benzo (b) fluoranthen |
| Volatile Organic Chemical |

Although the granular activated carbon water filters do not remove fluoride, we offer the GWFL water filter specifically designed to remove up to 99% of fluoride from drinking water.

INSTALLATION



GW5 Whole House Water Filter Installation

Our small sediment prefilter, located in a prefilter housing, is plumbed first and it removes smaller particles, down to just 1 micron, of dirt such as peat, rust and sand.

Then our large innovative granular activated carbon whole house water filter absorbs impurities including chlorine, heavy metals and other contaminants, but does not remove good minerals and salts, ensuring you have the best quality of water in the home.

The prefilter must be plumbed so that mains water passes through it first, however, it does not need to be plumbed directly beside the GW5 Whole House Water Filter. It can be installed above, below, behind, adjacent to the GW5 Whole House Water Filter.

The GW5 Whole House Water Filter comes with full DIY installation instructions included.

When this water filter is purchased new, this water filter kit includes:

- Glacier GW5 Whole House Water Filter
- 4x 15mm or 22mm JG fittings
(please seek advice from a plumber if you are not sure what size you need)
- 10" Slimline Prefilter Housing
- 10" Wound Polypropylene Prefilter Cartridge
- Release Spanner for Prefilter Housing
- Bracket and Screws for Prefilter wall installation

The GW5 Whole House Water Filter comes in two sizes:



GW5 8x37 Water Filter - This unit is best suited to your home if the incoming mains water supply is located in the garage.



GW5 8x19 Water Filter - This unit is best suited to your home if the mains water supply comes in to your home underneath a sink, normally the kitchen sink.

**We offer a complete supply and fit service within Northern Ireland.
Free delivery within the UK and Ireland.**



Lasts up to 2 years completely maintenance free



5 stage water filtration system



Comes in two sizes

GW5 8x37 Water Filter Dimensions (excl prefilter):

Width 8" x Height 37"

GW5 8x37 Water Filter Dimensions (incl prefilter and JG fittings)*:

Width 15" x Height 37"

GW5 8x19 Water Filter Dimensions (excl prefilter):

Width 8" x Height 19"

GW5 8x19 Water Filter Dimensions (incl prefilter and JG fittings)*:

Width 15" x Height 19"

** these dimensions are correct when the prefilter is plumbed directly beside the GW5 water filter.*



Produces approximately 12,000 litres of clean, fresh water

(over 2 years)



Flow rate:

GW5 8x37 Water Filter = 10 litres per minute

GW5 8x19 Water Filter = 2.5 litres per minute

Please ensure your mains water supply has a 3 bar Pressure Reducing Valve.

GW5 Prefilter for Glacier GW5 Whole House Water Filter

Prefilter Housing Dimensions:

Height 11.8" x Width 4.4"

Prefilter Housing Dimensions (with JG fittings):

Height 11.8" x Width 7.2"



About Glacier Water Systems Ltd

Since 1988, Glacier Water Systems Ltd have been supplying homes and businesses across the UK and Ireland with an impressive range of water filters, water coolers and instant boiling water taps.

**To discuss your specific requirements
call us now on 028 2589 0000**

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