


Water is essential for
life, a healthy lifestyle is
promoted with water
free from contamination
and impurities.



Peace of mind

Water Filters





Continuous clean, safe
and fresh tasting water for
your home. A simple three
process system will
ensure a reliable supply,
for your peace of mind.



DEPEND ON
DAVEY

WATER PRODUCTS





Three easy process
options for clean,
safe, drinking
water

Filtration

Disinfection

Purification



Peace of mind

Design of your water process

The size of housing is determined simply by how many taps or appliances you want to provide water to, regular 10" for a single tap and jumbo 10" and 20" for anything larger - up to whole of house. A clever installation will have two jumbo 10" or 20" cartridge filter installed on the main cold water line entering your house followed with a UV disinfection system. Cooking and drinking taps are then protected with a standard 10" purification filter.

The ideal sequence of elements would start with a coarse 20 micron PP cleanable element to remove large particles, and increase the life of secondary elements.

A second, finer PS element of 1 or 5 micron as stage two will really start to produce pure clear water. For individual outlets such as kitchen taps a smaller purification filter with activated carbon and a bacteriostatic silver ion will ensure that you have great water and peace of mind.

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CARTRIDGE ELEMENT TYPES

Filtration Cartridges Polyester Pleated (cleanable)	Part No.	5PP10	20PP10	5PP10J	20PP10J	5PP20J	20PP20J
	Micron Size Max. Flow Rate	5 20 lpm	20 30 lpm	5 50 lpm	20 75 lpm	5 100 lpm	20 120 lpm
Filtration Cartridges Polypropylene Spun Melt	Part No.	1PS10	5PS10	1PS10J	1PS20J	PSDG10J	
	Micron Size Max. Flow Rate	1* 15 lpm	5 15 lpm	1* 35 lpm	1* 70 lpm	25 & 1* 35 lpm	
Purification Cartridges Activated Carbon	Part No.	AC10	ACB10	ACB10J	ACB20J	BPAC10	SBPAC10
	Micron Size Max. Flow Rate	5 8 lpm	5 8 lpm	5 20 lpm	5 40 lpm	0.5# 4 lpm	0.5# 4 lpm

Note: Cartridges marked * are suitable for cyst reduction, cartridges marked # are suitable for cyst removal. Davey recommend UV disinfection as part of a water treatment programme.

■ Suits 10" Standard housing. ■ Suits 10" Jumbo housing. ■ Suits 20" Jumbo housing.

UV DISINFECTION

Steriflo® Models	Model No.	UV40-20	UV75-25	UV130-40
	Max. Flow* Inlet/Outlet	40 lpm 3/4" BSP(M)	75 lpm 1" BSP(M)	130 lpm 1 1/2" BSP(M)

*Maximum flow is for clean and clear water - pre-filtration and post filtration may be required depending on installation.

AVAILABLE FROM



Davey Products Pty Ltd

Member of the GUD Holdings Ltd Group
ABN 18 066 327 517

Ph: +61 3 9730 9222

Fax: +61 3 9753 4100

Website: www.davey.com.au

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Filtration

Water can be discoloured and tainted by particles such as: dust, rust, sediment, hair, algae, and parasitic Cysts (Giardia & Cryptosporidium). Water is swiftly cleared of these Impurities once passed through a Filterpure cartridge, rejuvenating the sparkle in truly clean water. Ideally, a coarse and then a fine cartridge will be installed together.

Filtration

Rejuvenating the sparkle in truly clean water.

Removes: Dust, rust, sediment, hair and algae.



Disinfection

Microscopic living organism can thrive in water such as: bacteria, mould, viruses, yeast, and parasitic Cysts (Giardia & Cryptosporidium). Exposure to Ultra Violet light is the safest and most effective way to neutralise these unhealthy organisms from your drinking and cooking water. Davey Steriflo UV units are ideal for domestic water disinfection.

Disinfection

Ultra Violet light for safe, chemical free disinfection of water.

Neutralises: Bacteria, mould, viruses yeast and parasitic cysts.



Purification

Dissolved impurities that effect the taste, odour and safety of your water can include: Chlorine, pesticides, herbicides, and solvents. Filterpure cartridges containing activated carbon absorption media are an effective tool to purify water of these unwanted substances. Purification is most effective at the point of use, the kitchen tap. Bacteriostatic cartridges prohibit the growth of organisms within the element fabric.

Purification

Dissolved impurities are best tackled with activated carbon.

Removes: Taste, odour, chlorine, pesticides, herbicides and solvents.



Cartridge Element Types

Pleated Polyester (PP series)

The pleated polyester cartridges offer reduced operating costs for many applications as the pleated construction allows them to be rinsed clean and reused. In addition the cartridges have a high surface area and can handle higher flows than disposable depth cartridges.

The availability of Jumbo sized PP cartridges means that high flows can be economically filtered.

The 20 micron is an outstanding prefilter, easy to clean with a high dirt holding and flow capacity.

Spun Polypropylene (PS series)

These are pure polypropylene with no fillers, binders adhesives or surfactants. Ideal for food and drinking water use and any applications where high purity is important.

The melt blown fibres give a graduated pore structure allowing for depth capture in the matrix. Generally used as a second stage for finer micron filtration.

Combination and Purification

Activated Carbon purification cartridges are typically for the removal of taste, odour, chlorine, pesticides, and other organic chemicals. They are best used as a final point of use stage in your water process.



- *Filterpure cartridges need to be replaced and/or cleaned at regular intervals to ensure they are performing correctly.*
- *Iron, manganese and hardness problems can be solved with ion exchange resins.*
- *If water pipes are used to ground the electrical system, appliances or phone; be sure to install a jumper wire.*
- *1 micron or finer filtration is required to remove most cysts.*



NEW

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