

For effective removal of sediment in your water supply system for house, farm or industry

Sediment (or grit and turbidity) in your water supply may cause problems when it settles out in tanks, or plugs pipes and fittings, especially ceramic seals in taps. Household and plumbing fixtures can be stained, while washing machines, dishwashers or hot water cylinders may be permanently damaged.

A FILTEC Multimedia Sand Filter is the best solution for removing visible solids (and thus turbidity), so you have clear water which won't damage household appliances.

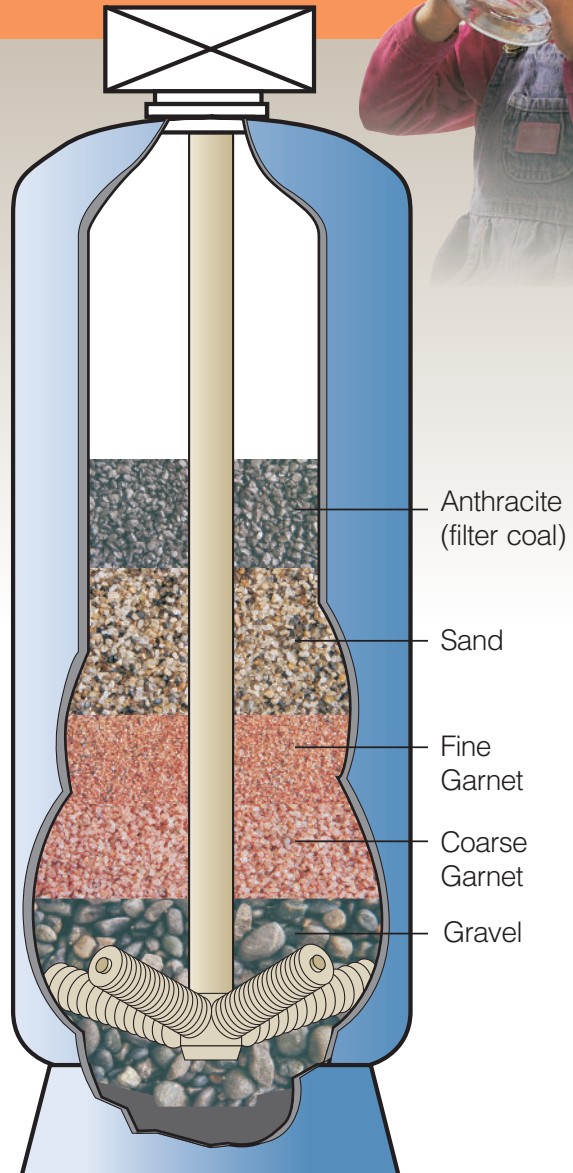
The filter consists of progressively finer layers of filter media including anthracite, sand, and garnet. As the supply water travels through the filter bed, the suspended solids are removed (from 10 - 15 micron in size).

The filter bed is maintained in optimum condition by regular backwashing, which simply reverses the flow through the filter flushing out accumulated dirt and reconditioning the filter material. The media lasts for many years so maintenance and running costs are very low.

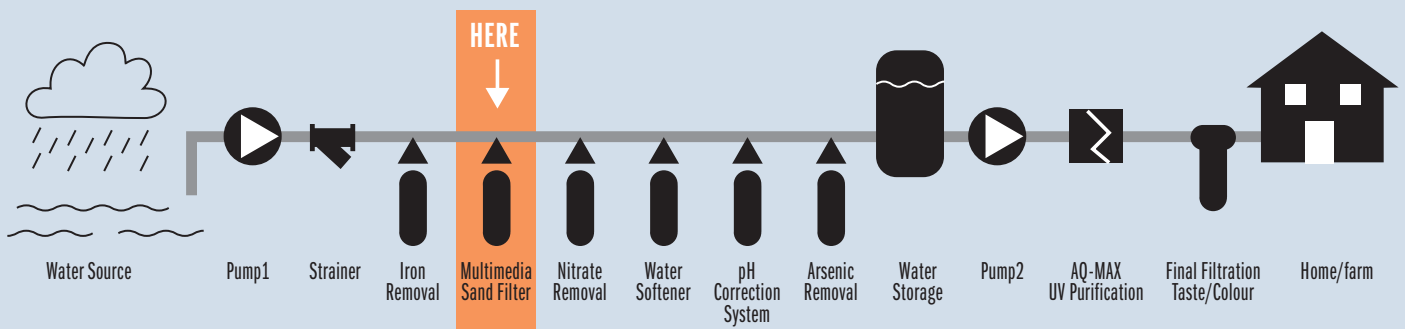
“AquaFlo Multimedia Sand Filters are recommended for surface and bore water supplied containing unacceptable levels of suspended solids and discolouration.”

- High flowrate GRP reinforced polyethylene pressure vessels
- Automatic or manual backwash
- Filtration down to 10 - 15 micron
- Flows up to 23 m³/hour per unit* with 8 models

* Multi-unit options available for larger flow requirements



Where you are in the AquaFlo water supply sequence...



Control Valve Options



Magnum 293/764



Performa
263, 273/764

General Specifications

Pressure Vessels

Wound resin bonded fibreglass filament for strength and polyethylene inner shell for chemical inertness.

Working Pressure 200 - 1040 kPa
Operating Temperature 5 - 40°C maximum

Valves

- Autotrol Series Performa 263 & 273 Noryl Control valve for small to medium size plants (Max. pressure 800 kPa).
- Autotrol Series Magnum multiport Noryl valve for larger capacity plants (Max. pressure 690 kPa).

Controllers

Auto backwash by water usage with 764 Logix controller. Fully programmable including daily override with built-in flow recorder.

Instructions

Installation and Operating Instructions are included with all Multimedia Filters.

Media

High quality graded sands, garnets, gravels, carbon and other media as appropriate for the application.

Pipe Work

Standing pipe work, where fitted, connecting filter vessel to valving is rigid PVC. Galvanised pipe is available as an option.

Installation

Any regulatory requirements pertaining to plumbing and drainage connections are the responsibility of the client.

Plant should be installed under cover protected from direct sunlight, rain and frost.

Client to Provide

- Single phase 230 volt power (3W / 150 mA).
- Drain for backwash.
- All connecting pipe work and valving from control unit.
- Minimum 200 kPa operating pressure
- Water flow or pump operation at 2.00 am to allow for Auto-back-washing

Cautions:

- A Pressure Reduction Valve should be installed in areas of high water pressure over 800 kPa
- If abrasive grit or large particles are present in the water supply, an inlet strainer is recommended to prevent damage to the backwash valve

System Specifications

Model		Flow Rate (m ³ /hr)		Inlet/Outlet (mm) BSP	Valve	Tank Diameter (mm)	Tank Height (mm)	Tank Volume (Litre)	Max. Working Pressure (kPa)
		Max	B/Wash						
Household Farm	MM250A	1.85	1.85	25	Performa 263/440	250	1525	62	800
	MM300A	2.65	2.65	25	Performa 263/440	300	1470	84	800
	MM350A	3.50	3.50	25	Performa 263/440	350	1800	150	800
Medium	MM400A	4.70	4.70	40	Magnum 764	400	1800	185	690
	MM500A	8.10	8.10	50	Magnum 764	540	1830	322	690
Commercial Industrial	MM600A	10.7	10.7	50	Magnum 764	620	2080	450	690
	MM750A	16.7	16.7	50	Magnum 764	760	2080	700	690
	MM900A	23.0	23.0	50	Magnum 764	914	2080	980	690

A minimum 200 kPa operating pressure is required.
Larger units are available.

Local Agent:

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Making Water Safer

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