

Filtration

Filtration: The Basics

What is Filtration?

The most common method of removing a wide variety of particulates and solids (dirt, scale, clumps of bacteria, etc) from liquids, using a filter medium.

How does Filtration work?

The filter medium (sand, carbon, filter cloth, mesh & membranes — to name but a few) physically trap the particulates within the body of the filter. The type of filter medium used is dependant upon the contaminant that is to be removed. Replaceable bag and cartridge systems are commonest, however, self cleaning (auto back-washable) filters are also available for a variety of applications.



Why use Filtration?

Particulates, colour, turbidity etc. can create a host of problems and undesirable effects to water users, both in finished products and production processes. By removing these components from the water, water purity is enhanced, giving a more consistent and (usually) more healthy solution.

... and the cost?

As this is an established technology that is easy to install, use and operate, costs are minimal.

Contact us for:

- Cartridge & Bag filters
- Multi-media/sand filters
- Auto-backwashing filters
- Carbon filters

UVO3 Ltd: Specialist suppliers of UV water disinfection equipment & other non-chemical water treatment technologies



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