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What do sediment filters do on a water filtration system?

Sediment filters are important as they remove impurities and particles from the water supply and keep your water clean and safe whilst also help to maintain the other filters in the system. By doing a great job as the first filters the other filters in the system are free from damage due to clogging from the unwanted particles.

Not only do they ensure that water is cleaner and healthier no matter which sediment filter is in the system you buy, as filter housings tend to be similar in size, you can always change your mind and simply replace the sediment filter at a later date if your specific filtration needs change, such as needing to remove finer particles or the flow rate change.

There are different sediment filter types.

Wound Filters - sometimes called depth filters, are tightly bound string and are effective at trapping sediments such as sand, silt and rust as the water passes through the filter to ensure clean water. They are available in various micron ratings so the lower the micron the harder they work to produce the highest quality water.

Spun Filters – are made up of polypropylene fibres that trap sediments and hold onto the dirt before it passes into the system, they are excellent when working in high flow rates and again come in different microns and work really well where sediments are fine.

Pleated Filters – tend to be made up of polyester and due to the pleated design offer a large surface area of filtration and generally ensure minimal pressure drop for the system and again are available in various micron ratings.

Take Away

Regular replacement and maintenance of sediment filters is important to maintain a great performing water filter system to enjoy clean safe water free from unwanted particles whilst also protecting your system. This is why sediment filters are the first filter in a water filtration system, so they protect the other filters.



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Sediment Filters Here

Cannot see what you are looking for? give us a call as we have lots of options available

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