

SEDIMENT FILTER

Sediment filters are used for treating cloudy, dirty or highly turbid waters. The particles are trapped within the media and the clear water passes through. Turbid water may contain organic compounds, clays, metals such as iron and manganese.

Sediment filters

Sediment filters are needed when the water supply is cloudy or turbid. The particles in the water will block plumbing systems, leave unsightly staining, may contain toxic chemicals or bacteria. The easiest way to remove the particles is by passing the water through a media where the particles get stuck and allowing clear water to flow through. The particles can be periodically 'backwashed' away to drain.

Turb 20

Turb 20 has an irregular surface area providing a higher surface area a more complex flow path for a highly efficient removal of suspended matter. This can lead to savings over traditional filter materials such as sand as the equipment can be smaller. Turb 20 is also lighter in weight which reduces backwash flow rate. Turb 20 is slightly more expensive than sand and must be soaked for 24 hours before use.

Turb 5

Turb 5 is very similar to Turb 20 but is slightly heavier. It gives a finer level of filtration making it perfect for those applications where we come across fine suspensions in the water. Turb 5 gives higher flow rates than Turb 20 but being heavier requires a higher backwash flow rate.

Turb 20	205.302	205.303	205.304	205.305	205.306	205.307
Duty Flow cu.m/h	0.6	0.9	1.0	1.2	1.6	2.0
Backwash Flow	1.1	1.8	1.0	2.3	3.4	3.9
Turb 5	204.302	204.303	204.304	204.305	204.306	204.307
Duty Flow cu.m/h	1.6	2.0	2.5	3.0	3.9	5
Backwash Flow	1.6	2.3	2.8	3.2	4.5	5.6

Prosep Filter Systems Ltd
Unit G19, River Bank Way,
Lowfields Business Park, Elland,
West Yorkshire HX5 9DN

Phone: 01422 377367
Fax: 01422 377369
email: sales@prosep.co.uk
www.prosep.co.uk

for all your filter requirements