

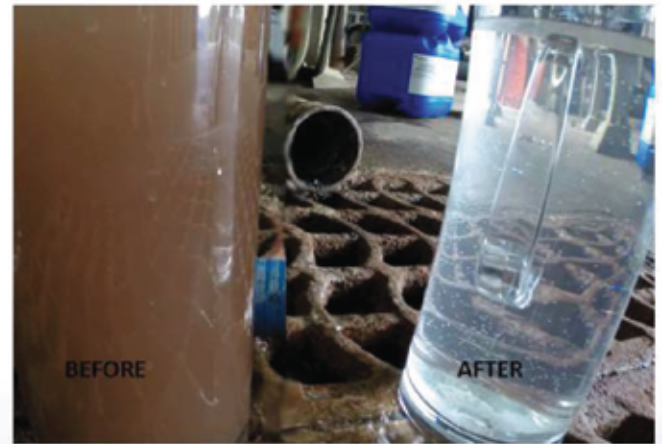
Solari OV AFM Filter

Water is a major cost to industry and recent years have shown, it is fast becoming an issue when dryer winters are reducing natural stocks. Water is the lifeblood of many industries and processes without which they cannot function. Water is increasingly becoming a major operating cost as environmental pressures push cost ever higher. In addition to the natural increasing costs the governmental policy of "the polluter pays" places even more responsibility and financial burden on industry, further driving down profitability.

Beyond the scope of general water filtration technology, finding cost effective technology that will provide significant cost reductions in water spend had been a real issue for many years now!

50% Reduction on Process Water Costs

If a company has the ability to clean up its process water and re use it only once than a staggering 50% saving will be made on both fresh water and effluent costs. At the same time you will effectively reduce your company's carbon footprint. As an example a modest use of 50 m³/hr can, if reused once, make a saving on fresh water of over \$400,000.00 per annum. If this water is normally sent to the drain then these costs can also be reduced by 50%.



Industries that can benefit from OV AMF Filter include:

- UPVC Extruders for pipes and windows
- Oil & Gas exploration
- Power Generation
- Potable Water production
- Paper manufacture
- Automotive manufacture
- District heating/cooling
- Pollution control
- Data Centres, Banks, Hotels, Universities
- Plastic moulding shops
- High performance heating and cooling loops
- Brick, marble and stone cutting
- Brewing and distilling
- Manufacturing
- Nuclear Power and processing



15m³ hr with solar distillation



	OV AMF Filter 150	OV AMF Filter 200	OV AMF Filter 350	OV AMF Filter 700	OV AMF Filter 1000 & 1200
Flow Rate Range:	300L/hr – 1m ³ /hr	790L/hr – 1.8m ³ /hr	2.2m ³ /hr – 5.4m ³ /hr	8 m ³ /hr – 24m ³ /hr	19.6m ³ /hr – 68m ³ /hr
Backwash Water:	15L	26L	75L	400L	0.98 – 1.4m ³
Backwash Duration:	2 - 4 minutes	2 - 4 minutes	2 - 4 minutes	2 - 5 minutes	2 - 5 minutes
Filtration Grade:	0.45 – 10 µm	0.45 – 10 µm	0.45 – 10 µm	0.45 – 10 µm	0.45 – 10 µm
Installation Space:	180mm x 300mm x 950mm	600mm x 400mm x 1740mm	1000mm x 700mm x 1740mm	1200mm x 900mm x 2100mm	1920mm x 1310mm x 2100mm

How will Solari OV AMF Filter benefit my process?

OV AMF Filter technology has brought water filtration into the 21st century through patented innovations. These innovations provide significant process benefits to many industrial and commercial sectors and applications.

These benefits include:

- Filtration process of water down to 0.45 micron with efficiencies up to 99%
- Filtration up to 5 x more water as a conventional filter achieving only 20 micron filtration
- Achieving a longer “on line” filtration time than most other comparable technologies reduced costs
- Acceptance of solid challenges sometimes in excess of 200ppm because of the patented vortex flow
- Giving high performance filtration through a combination of a unique inlet and special formulated media
- Ensuring very short backwash times
- Enabling high flows with high performance filtration
- Enabling more effective chemical treatment with less chemicals
- Ensuring heat transfer efficiencies are maintained over the life of your system
- Cleaning up older already contaminated systems and achieving improved performance
- Reducing backwash loss of process water by up to 95%
- Reducing costs by reducing your loss of chiller and or heater kW input during backwash

