

applications



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power generation

A decrease in efficiency due to the accumulation of particles is one of the main problems for heat exchangers. Even a minor layer of scale causes a dramatic decrease in heat transfer which can result in the unforeseen shut down of the system for cleaning purpose.

Filternox® Automatic Self-Cleaning Filters, by removing all suspended solids and particles, provide uninterrupted working conditions for heat exchangers.

As well as protecting heat exchangers, **Filternox®** Automatic Self-Cleaning Filters will also provide protection for nozzles, ion exchangers, seals, membranes and other sensitive equipment installed in your system.

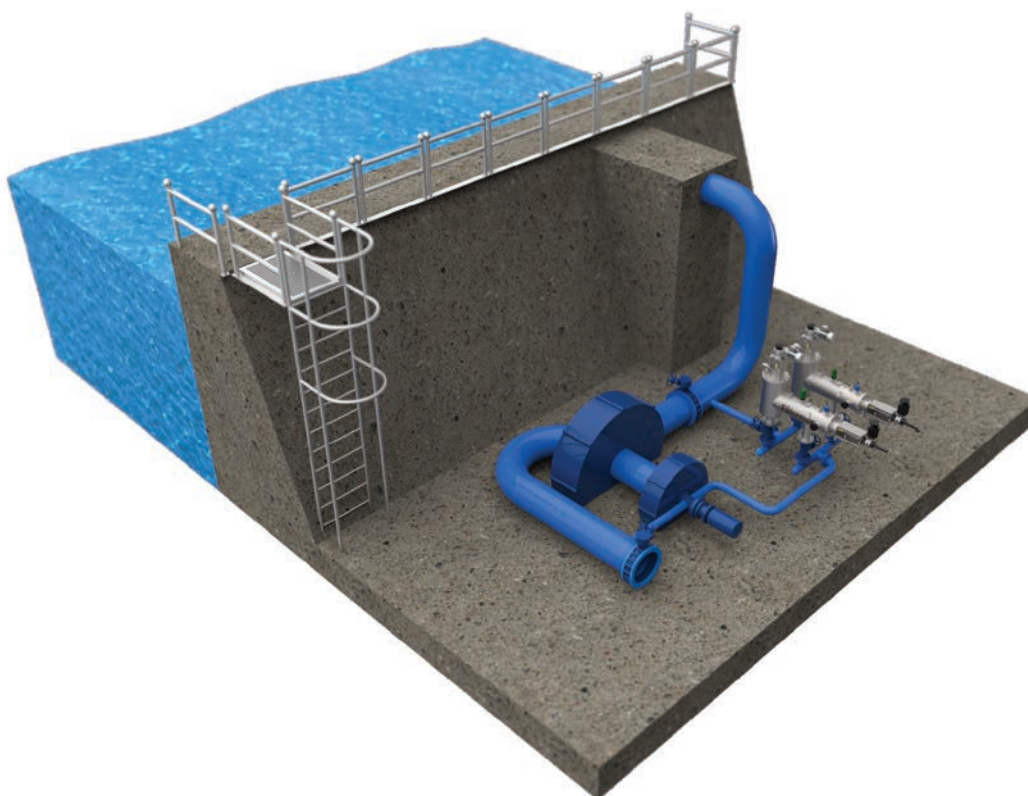
The use of **Filternox®** Automatic Self-Cleaning Filters helps to maintain optimum pumping conditions through the prevention of pressure drop caused by sediment build up.

application model

The continuous operation of the turbines has vital importance for the hydroelectric power plants.

Dam water used for the cooling of the turbine bearing and the sealing equipment of the hydroelectric power plants, contains different sizes of particles as all the surface waters creating fouling in the pipes and heat exchanging surfaces, and damaging the turbine bearings and seals.

Filternox® provides a solution to this filtration problem with its two stage Automatic Self Cleaning filtration models which offer a convenient and cost effective way to address filtration challenges in hydroelectric power plants, extending the life of bearings and seals equipment and reducing maintenance and operational costs.



For further information about **Power Generation Applications** please visit our website. You can use the QR Code on the right to access online information about the application.

www.filternox.com/#filtration



the solution in filtration

**power generation
applications**

River Water Filtration for Turbine & Seal Equipment Protection



Water Filtration for Turbine and Seal Equipment Protection



Water Filtration for Turbine and Seal Equipment Protection



River Water Filtration for Turbine & Seal Equipment Protection



Turbine and Seal Equipment Protection



Turbine and Seal Equipment Protection



Turbine and Seal Equipment Protection



Turbine and Seal Equipment Protection





Power Generation Plant, River Water Filtration



Turbine and Seal Equipment Protection



Power Generation Plant, River Water Filtration



Turbine and Seal Equipment Protection



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