SUPERIOR
FILTRATION

COMPANY PROFILE

SUPERIOR FILTRATION

Superior Filtration is an Original Equipment Manufacturer. We design, manufacture and supply fit-for-purpose industrial and municipal water filters.

Our History

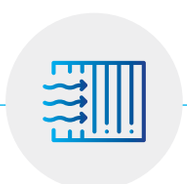
Superior Filtration was established in Johannesburg in 1984 under the name Valve & Allied.

In 1985, Valve and Allied established an international trading arm, Superior Industrial Products, which operated out of London. In 2002, this became Superior Filtration.

In 2018, the company merged Valve & Allied and Superior Filtration into a single entity called Superior Filtration, with offices in Johannesburg, Cape Town, and London.

Our Approach

Superior Filtration is an Original Equipment Manufacturer. We develop, design, manufacture and market unique equipment for the removal of suspended solids from water. We broadly categorise our product range into:



SCREEN TYPE FILTERS & STRAINERS

SAND FILTERS

CLARIFIERS

Our design philosophy is to find the simplest and most efficient way to solve the problem of suspended solids in water. We build robust filters that require minimal maintenance. Automation is incorporated where it contributes to simplicity and efficiency.

We are filtration solution experts with over 40 years of experience across multiple industries, including:

- Industrial Process Water
- Mining
- Mineral Processing
- Petrochemicals
- Potable Water and Sewage Wastewater
- Oil and Gas
- Food and Beverage, and others.

Our approach is different. We take the time. We invest our energy. We draw on our expertise. We ensure that we thoroughly understand your process before making a recommendation. Only then do we offer a filter that is fit for purpose. The right filter.

This interactive process of listening and responding ensures maximum benefit to our customers. Risk is reduced and uptime increased. The lifetime cost of the filter is reduced.

Our insistence on finding the right filter for each process has proven successful. We have filters in 40+ countries across six continents.

Please contact us for more information

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SUPERIOR FILTRATION

OUR CORE PRODUCTS:

SCREEN TYPE FILTERS AND STRAINERS

KLEERFLO - AUTOMATIC SELF-CLEANING FILTER

Kleerflo Filters are in-line, pressurised, automatic self-cleaning filters. They are used for the removal of suspended solids from water in a broad range of applications.

They offer continuous flow and an intense, positive backwash action that ensures thorough cleaning of the screens.

Kleerflo's unique design with no rotating parts or close tolerance elements, very few moving parts, and no electric motor ensures robust performance, proven reliability and low maintenance.

MANUAL BASKET STRAINERS – MONO STRAINERS, DUPLEX STRAINERS, TEMPORARY STRAINERS, Y and T STRAINERS

We offer a range of high-quality basket strainers. Designed and manufactured to code or SEP. Materials of fabrication include carbon steel and stainless steel (cast or fabricated), as well as other exotic metals.

Our basket strainers offer a larger filtration area than similar strainers on the market, ensuring minimal pressure loss, improved flow rates and greater dirt holding capacity, leading to longer service/ maintenance intervals.

GRAVIFILTER – NON-PRESSURISED SCREEN FILTER WITH INTEGRAL CLEANING MECHANISM

The GraviFilter is a highly efficient gravity (non-pressurised) screen filter with an integral, continuous cleaning mechanism (self-cleaning). It is used for the removal of suspended solids from water. It is effective in removing soft, fibrous, and organic solids, and operates efficiently in process systems with higher solids loads. GraviFilter offers extended flow intervals with limited operator intervention.

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AGF – AUTONOMOUS GRAVITY SAND FILTER

Our AGF Autonomous Gravity Sand Filter is a mechanical rapid gravity sand filter. It is a polishing filter used for the removal of fine suspended solids from water. It requires no external control system or electrical supply, and the backwash cycle initiation occurs autonomously and is driven entirely by built-in hydraulic design features. Operator intervention is limited to periodic maintenance inspections.
AGF filters are:

- designed in adherence to the principle of inherent **Simplicity**
- are simple to operate and maintain
- are effective (produces the intended result)
- are efficient (**Low energy** consumption)
- the combination of the above features produces a filter of high **Reliability**.
- are manufactured in a tightly controlled environment
- are easy and quick to install on site offers **lowest lifetime costs**.

GIROSAND – MOVING BED SAND FILTER

GiroSand Moving Bed Sand Filters are continuous backwash, up-flow sand filters. They are used for the removal of fine suspended solids from water where higher solids loads are encountered and where a constant supply of uniform, high-quality filtrate is required.

CLARIFIERS

CLARIFIER – GRAVITY LAMELLA PLATE SETTLER

The Gravity Lamella Settler is a modular, high-rate inclined tube settler that uses a counter-current flow principle for effective solids removal.

The compact design reduces space requirements and minimises hydraulic disturbances. Balanced flow distribution ensures equal flow across the surface area. No moving parts means limited maintenance.

The Gravity Lamella Settler system offers reliable liquid/solid separation for potable and municipal wastewater treatment plants, chemical and mining industries, metal finishing, pulp and paper mills, power plants and industrial process and makeup water applications.

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