

Self cleaning filters

SCAMDISC Filter

Application:

A filter for high viscosity self-lubricating liquids (oil, tar, fuel, glue, paint, resins).

Filtration grade:

50 μm to 1.000 μm (20 μm for certains models).

Pressure:

Up to 100 bars according to 97/23/CE european directive.

Flow rate:

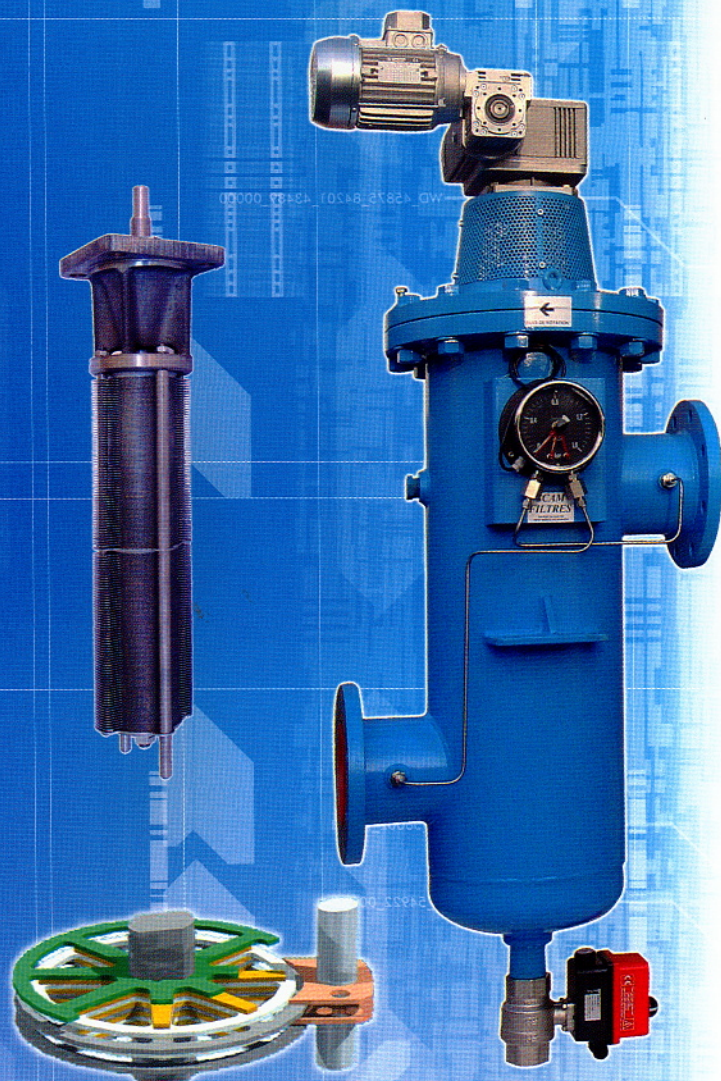
0.2 m^3/h to 200 m^3/h and more if required.

Main advantages:

- Positive cleaning action.
- No interruption of flow or service.
- Rigid cartridge (high crush proof pressure).
- Exists in carbon steel, brass or stainless steel.
- Available with motor for continuous cleaning.
- Low maintenance.

Working principle:

The liquid passes through a cylindrical metallic element (set up by discs assembled with spacers determining the mesh of filtration). The filtering media rotates in front of metallic cleaners which clean the filtration surface. The solids fall to the bottom of the filter where they are extracted by cyclical draining.



SCAMJYR Filter

Application:

A filter for low and mean viscosity liquids (treatment of water, solvents, oil, resins, paint, molasses).

Filtration grade:

50 μm to 2.000 μm (20 μm available with some models).

Pressure:

Up to 100 bars according to 97/23/CE european directive.

Flow rate:

5 m^3/h to 1.000 m^3/h and more if required.

Main advantages:

- Self-cleaning system scraped or brushed in internal or external surface.
- No interruption of flow or service.
- Exists in carbon steel, brass or stainless steel.
- Available with motor for continuous cleaning, cyclical flushing, differential guage.
- Low maintenance.

Working principle:

The liquid passes through a cylindrical metallic element, formed by a "V" cross-section continuous wire coiled around a serie of cylindrically disposed support rods.

The filtering media rotates in front of cleaners that clean the filtration surface. The solids fall to bottom of the filter where they are removed by cyclical draining.

