



PREMIUM K-FACTOR FILTERS

The family of K-Factor self-cleaning, fully automatic media filters are specifically engineered and designed to suit applications in a variety of industries where the removal of solids from liquids is required. K-Factor media filters are available in numerous dimensions boasting state-of-the-art technology and solid construction. When high performance and filtration reliability is critical, trust K-Factor media filters to meet your exacting specifications!

Tel: 289-362-6108
Toll Free: 1-855-593-730
Website: www.kfactorfilter.com



WHAT A K-FACTOR FILTER CAN DO FOR YOU?

The K-Factor Filter system offers the most advanced technology and is the flagship of our fleet. Engineered and designed to suit countless industrial applications where the removal of unwanted solids from liquids is required. The K-Factor Filter is a fully automated, self-cleaning system that saves you money by eliminating maintenance and downtime.

We can fully customize your K-Factor Filter to meet your specific needs with the following options:

- Aquence coated Carbon Steel Body
 - Inlet Valve Options
 - Media Out Sensor Kit
 - Float Shower
 - Overflow Protection
 - Control Panel
 - Rewinder Option
- Tank Mounted
 - Level Control Pump Control
 - Customized Power Feed (240V, 380V, 575V etc)
 - Support for other PLC types
 - Top Cover with Clear Window

FILTER SPECIFICATIONS

| MODEL | FLOW GPM | FLOW LPM | DIMENSIONS INCHES | Inlet | Outlet |
|-------|----------|----------|-------------------|-------|--------|
| K70 | 70 | 265 | 30 x 42 x 45 | 2" | 3" |
| K150 | 150 | 568 | 36 x 42 x 54 | 3" | 4" |
| K300 | 300 | 1136 | 47 x 54 x 69 | 4" | 6" |
| K600 | 600 | 2271 | 47 x 85 x 69 | 6" | 8" |
| K1100 | 1100 | 4164 | 47 x 111 x 69 | 8" | 10" |
| K1500 | 1500 | 5678 | 57x111x79 | 10" | 12" |

Flow rated @ 25 microns nominal - 1500 gpm unit rated @ 50 microns

STANDARD FEATURES

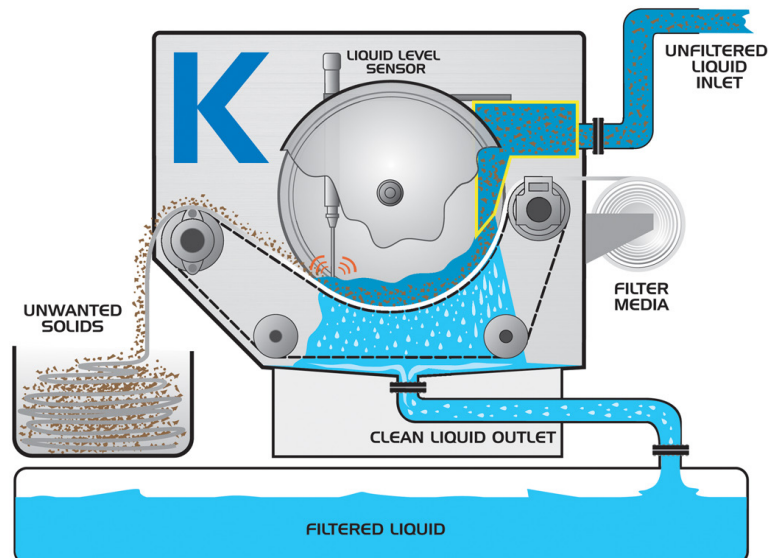
- Painted Carbon Steel
- Vertical Float Switch
- Horizontal Level Sensor
- Entrance and Exit Swing Guards
- Bearing Guards
- Electrical & Control Panel features:
 - AB MicroLogix 1400 PLC
 - AB 7" Panel screen
 - 1/2 HP VFD for Conveyor Speed Control
 - 1/2 HP Motor
- Roll of appropriate Media
- Media Bin

BENEFITS:

- **Save Time**
Downtime, ongoing maintenance and service, monitoring and control, etc.
- **Save Money**
Labour, consumables, lost production, etc.
- **Reduce Labour**
Maintenance, lost production, etc.
- **Improve Quality**
Eliminate defects, environmental impacts, reclamation efficiencies etc.

HOW IT WORKS

1. The liquid flow enters the **K-Factor Filter** via the header box which evenly distributes the stream across preselected and appropriate media.
2. The contaminated liquid is confined between two sealing wheels employing the media to capture the solids.
3. As the liquid level between the two sealing wheels rises, a fluid level float sensor initiates the cleaning cycle. During this sequence fresh media is automatically introduced and the soiled media exits the filter.
4. Throughout the process, solids-free filtered liquid is returned to the process for reuse.



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