



K-FACTOR HEAVY SLUDGE FILTER

When faced with challenging heavy solid contaminants, K-Factor's Heavy Sludge Filter delivers cost-effective, dependable filtration at its best. The K-Factor Heavy Sludge Filter's simple design allows for uninterrupted flow and requires limited maintenance. This separation filter is ideal for filtering paint sludge, phosphates, and other dense (heavy and fine) solid applications. The deeper filter bed and extended settling intervals reduces media consumption and delivers a thicker solids cake. Whether **Automotive, Food and Beverage, Pulp and Paper, Wastewater management or Petrochemical**, K-Factor has a solution to save time and money, reduce downtime and improve quality!

Tel: 289-362-6108

Toll Free: 1-855-593-7301

Website: www.kfactorfilter.com



WHAT A K-FACTOR FILTER CAN DO FOR YOU?

The K-HS filter is available for flow rates of 300, 600 and 1500 GPM and can provide filtration of solids down to 5 microns.

We will customize your K-HS filter with the following options:

- Aquence coated Carbon Steel Body
- Inlet Valve Options
- Media Out Sensor Kit
- Float Shower
- Overflow Protection
- Control Panel Upgrade
- 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
- Sludge Scraper

STANDARD FEATURES

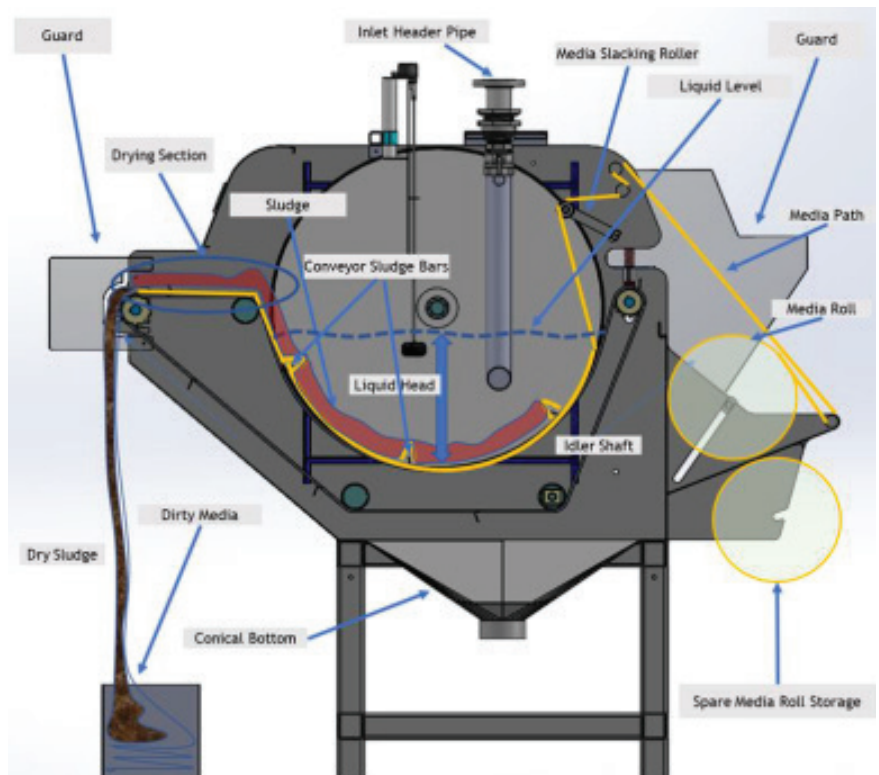
- 304 Stainless Steel Body
- Modified Media Entry System
- Submerged Header Configuration
- Anti-adhesion Polypropylene Seal Wheels
- Vertical Conveyor Fights/Sludge Bars
- Deep Filtration Bath
- Heavy Duty Horizontal Conveyor Collection System

BENEFITS:

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

HOW IT WORKS

1. The liquid flow enters the **K-Factor Heavy Sludge 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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