East Coast Filter, Inc.

INDUSTRIAL FILTRATION & WASTEWATER TREATMENT

Over 50 Years of Filtration Experience

Magnet Filters

East Coast Filter, Inc.'s Magnetic Filters are designed to easily remove Ferrous materials from various fluids, including Cutting Oils and Water-based Coolants without the need to constantly replace filters. By removing the Metal Fines from Cutting Oils and Coolants, the fluid can be used for longer periods of time, extends the lifespan of machine tooling, and reduces overall process cost.

With many different sizes and configurations available, East Coast Filter, Inc. has the best Magnet Filter for every application. Each Magnetic Filter can be effortlessly integrated inline of an existing process or installed into a new process.

Maintaining and operating Magnet Filters is extremely simple and only requires an operator to manually wipe down the Magnetic Rods when they have been contaminated with solids and re-install them back into the housing.

Examples of Rods covered in Metal Fines removed from Solutions

Features

- Multiple configurations and sizes to meet each application requirement
- Utilizes 7,000-10,000 Gauss Magnetic Rods
- Reduces Machinery Downtime
- Reusable - Don't need to continually pay for replacement Filters to remove Metal Fines from Solution
- Prevents Bacterial Growth and Minimizes Exposure to Abrasive Swarf
- Easy to Install and Use

Applications

- Wash Systems
- Grinding
- Lapping
- EDM
- Honing
- Deep Hole Drilling
- Super Finishing
- Laser Cutting

East Coast Filter, Inc. • 560 Washington Street Suite 3 • Wrentham, MA 02093
Phone: 877-ANY-FILTER • Fax: 888-ANY-FILTER • www.eastcoastfilter.com

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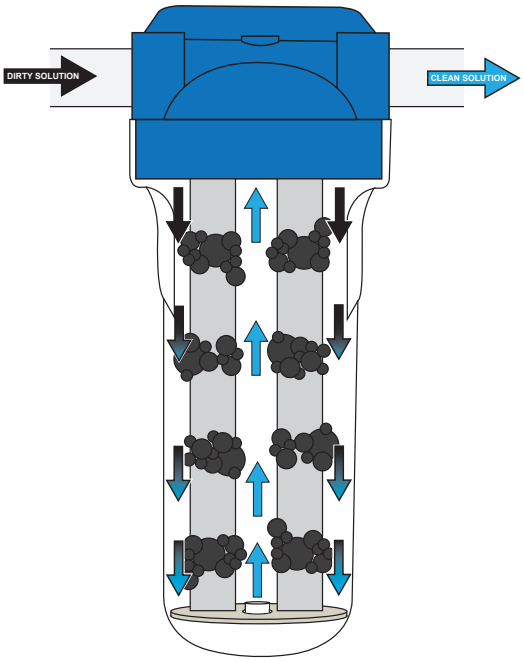
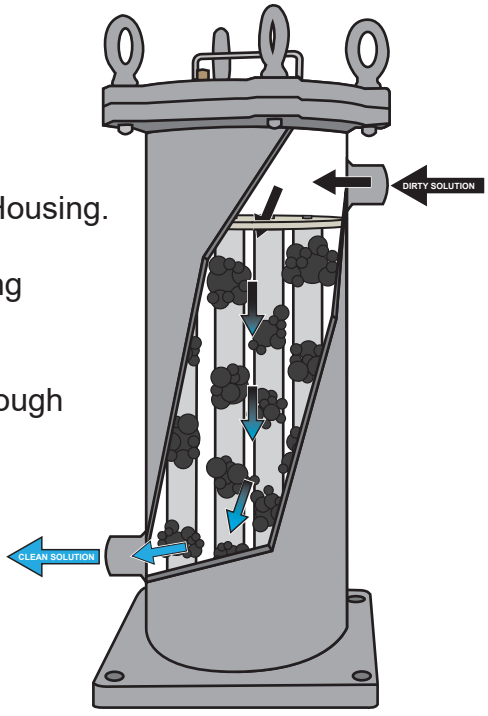
Operation



Low Flow (2 Rods)

1. Fluid contaminated with Ferrous materials enters the Inlet of the Housing.
2. The contaminated solution flows past the Magnetic Rods, attracting all Metal Fines to the Rod.
3. After the solution has been stripped of the Metal Fines, it exits through the Vessel Outlet.
4. When the Rods are completely filled with contaminants, simply turn off the flow to the Vessel and remove the Sump from the Cover (Low Flow) or . Wipe down the Rods with a Rag or a Towel to remove the Metal Fines.
5. Reinsert the magnets back into the Sump and reattach the Sump to the Head Assembly. Turn the flow back on and repeat the Process.

1. Fluid contaminated with Ferrous materials enters the Inlet of the Housing.
2. The contaminated solution flows past the Magnetic Rods, attracting all Metal Fines to the Rod.
3. After the solution has been stripped of the Metal Fines, it exits through the Vessel Outlet.
4. When the Rods are completely filled with contaminants, simply turn off the flow to the Vessel and remove Cover and Magnet Cartridge Assembly. Wipe down the Rods with a Rag or a Towel to remove the Metal Fines.
5. Reinsert the magnets back into the Sump and reattach the Sump to the Head Assembly. Turn the flow back on and repeat the Process.



High Flow (4 Rods)

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