

Product Catalog
Coolant Filtration 2017

MVF SERIES

MicroTech MediaVac Filter

The MicroTech MediaVac Filter (MVF) is an inclined-bed roll-media vacuum filter designed to efficiently clean water based coolant and light grinding oils down to 15-20 microns at a flow rate of up to 200 GPM. We developed the MVF as a small, cost-effective alternative to standard conveyor flat-bed roll-media vacuum filters. The MVF has eliminated the most common problems our customers have reported with similar systems, such as media tearing and poor media tracking (both of which result in poor filtration).

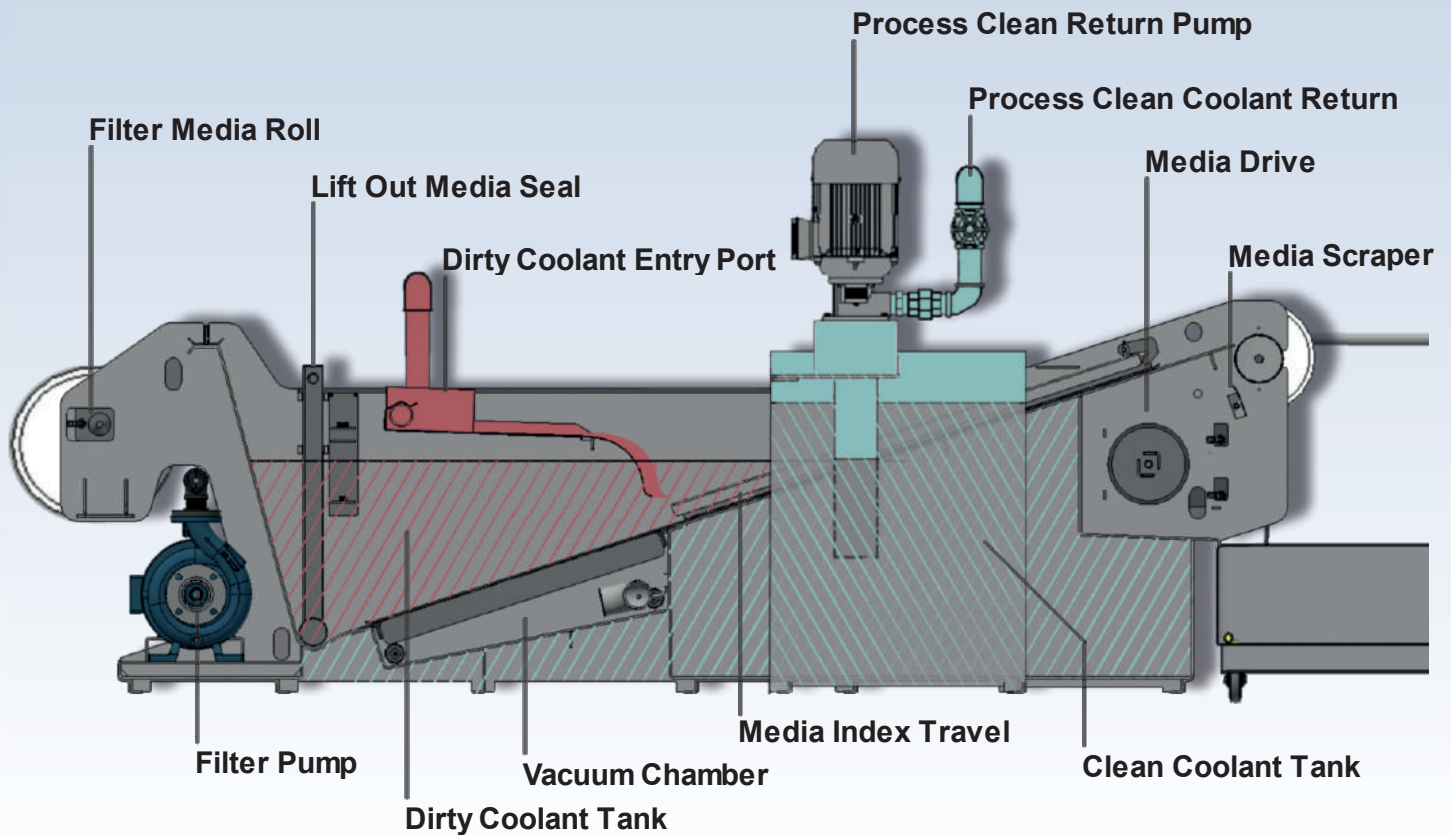
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ABOUT

The Media Vacuum Filter was designed to operate without the need for a conveyor chain to advance the filter-media roll. While a conveyor chain may be appropriate for some filtration applications, removing it has proven to effectively do away with some of the most common industrial media-guided filtration problems. The MVF has no conveyor flights to scrape and tear the media as it advances. Additionally, there is no complicated cleaning process to eliminate debris caught in the conveyor

chain. Overall, the MVF is a compact and cost effective roll media vacuum filter.

Media advances and is efficiently drawn forward over ball-bearing-supported rollers by an adjustable torque motor which rewinds used media. The MVF filter has an automated regeneration cycle initiated by the rise in vacuum and advances the media just three feet across the filter screen to introduce a full filter screen of new clean media at each regeneration.



| Model MVF | Total Flow Coolant | Filter Area | Flow Capacity - 100 ssu Oil | Tank Size (Gallons) | Media Width (Inches) |
|-------------|--------------------|-------------|-----------------------------|---------------------|----------------------|
| MVF-120-700 | 120 GPM | 9 sq ft | 80 GPM | 700 | 40 |
| MVF-200-980 | 200 GPM | 14 sq ft | 120 GPM | 980 | 60 |

FEATURES OF THE MVF INCLUDE:

High quality components with alarms and gauges to easily identify any problems that may occur.

Unique mixture of features enables the maximum productivity out of filter at the minimum cost of maintenance.

Can be designed to have a particularly compact footprint to for use in areas with restricted floor space.