Media Vac Filter

Automatic Operation

Flexible clarity performance by changing media

Choice of perforated plate or wedgewire screens

Permanent or disposable media

Self-cleaning velocity flow suction chamber

Patented Vacuum Release Valve maintains media seal

Spring-loaded radius arm allows large objects to pass without jamming conveyors

Easy adjustment - minimal maintenance

Media Vac Filter Operation

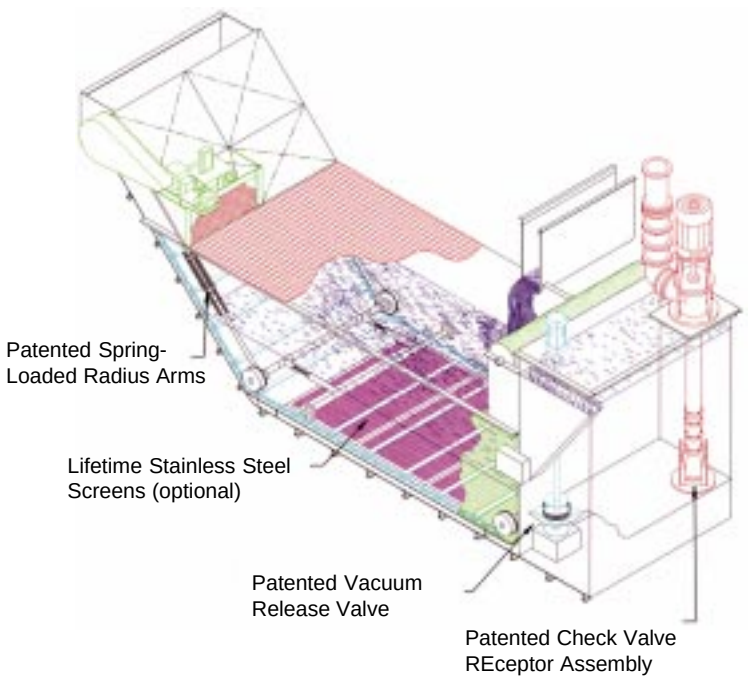
Basic Flow through a Media Vac Filter

1. Contaminated coolant enters the dirty tank and is pulled through the media and goes into the suction box.
2. The pump draws clean coolant from the suction box and sends it out to the machine tool.
3. Excess coolant drawn by the pump is returned to the clean tank reservoir to keep it full and overflowing.

Sequence of Events during an Index Cycle

1. The filter senses that the vacuum or time on the media has reached the pre-set point and signals the filter to index.
2. Vacuum Release Valve opens, allowing coolant from the clean tank to enter the suction box and break the vacuum.
3. The coolant is now drawn from the clean tank to provide continuous flow to the machine tools.
4. Filter conveyor is energized and advances a pre-set amount of clean media into the filter.
5. Conveyor stops and Vacuum Release Valve closes restoring flow through the media as the filter enters a new filter cycle.

Media Vac Filter



Optional Rewinder