**FEATURES:**

- All units supplied with rugged air diaphragm pump.
- New design inlet device handles floating fines exceptionally well.
- Unique filter housing design offers substantial filtration capabilities in a lightweight, compact footprint.
- In-house plastic fabrication capabilities allow for custom designed systems.

**BENEFITS:**

- Continuously remove chips and fines from machine tool sumps.
- Protect expensive machine parts and tooling by keeping the coolant filtered continuously.
- Eliminate costly downtime due to plugging coolant lines and machine sump clean-outs.
- Systems can be magnetically mounted directly to the machine tool to conserve floor space.
How the Dedicated Pump Filter Works

The PFA-0507 units contain a medium bag filter and a rugged 1/2" air-operated diaphragm pump, mounted in a frame. The discharge and return hoses are provided with the unit. With a recirculation rate up to 10 gallons per minute, the PFA-0507 can clean the coolant in a typical sump in a matter of minutes. Since the unit is independent from the machine operation, servicing the filter does not interfere with the machining cycle.

PFA-0507-SPO Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Specification Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rate</td>
<td>10 GPM</td>
</tr>
<tr>
<td>Compressed air requirements</td>
<td>2 SCFM @ 50 PSIG</td>
</tr>
<tr>
<td>Electricals</td>
<td>None</td>
</tr>
<tr>
<td>Dimensions of frame</td>
<td>27&quot;L x 11&quot;W</td>
</tr>
<tr>
<td>Shipping Weight (Shipped UPS)</td>
<td>39 lbs.</td>
</tr>
</tbody>
</table>

Ordering Information

**PFA-0507-SPO**
Includes all hoses, frame, and five 25 micron filter bags

**RFP-25**
Polyester felt bags, 25 microns, 5/box
Additional Filter Bags:
Note: Other micron ratings 1, 5, 10, 50, and 100

**RCN-100**
Reusable nylon mesh bags, 100 microns, 5/box

**MAG-0475**
Bag Filter Magnet

*Photos to the right are examples of custom configurations, which can be fabricated to fit the specific requirements of the machine installation.*

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