PRAB DRUM-TYPE PAPER FILTERS

PROVEN TO IMPROVE SURFACE FINISH BY AN AVERAGE OF 27%

Small-Footprint Solution for Solids Filtration

PRAB Drum-Type Filters occupy one-third of the floor space of a traditional paper bed filter, saving valuable work space in your facility. Filtered fluid can be reused, lowering your operational costs.

Top Features & Benefits:

- Can be used for both ferrous and non-ferrous metals
- Disposable paper filter media is available in a variety of grades to meet your specific requirements
- Filter media surface is automatically indexed only when needed
- Automatic self-cleaning and self-monitoring system
- Longer coolant life
- Removal of particulate down to 25 micron level
- Prolongs tool life
- Improves surface finish of the component part
- Units are available with flow rates up to 525 GPM

Increased average tool life from properly filtered fluid, specifically as much as:

- 209% for drills
- 78% for turning tools
- 66% for form tools
- 47% for boring tools
- 26% for reamers

Backed by the PRAB Difference
PRAB DRUM-TYPE PAPER FILTERS
SIGNIFICANTLY LOWER YOUR OPERATIONAL COSTS

Operation:
The coolant is pumped from the machining center or grinder to the center of the drum via a distribution trough. The drum is lined with a non-woven filter media. The liquid then flows through the media, removing particles in suspension, and discharges through the bottom of the unit into a sump or tank. As the media blinds off and the coolant level rises to a predetermined level in the drum, a sensor activates the media advance mechanism, rotating the drum and exposing new media.

<table>
<thead>
<tr>
<th>Model</th>
<th>Flow Rate* (Water)</th>
<th>Drum Diameter</th>
<th>Paper Width</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>Motor HP</th>
<th>Inlet</th>
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<tbody>
<tr>
<td>DF-140</td>
<td>35 GPM</td>
<td>22&quot;</td>
<td>19.5&quot;</td>
<td>30&quot;</td>
<td>23&quot;</td>
<td>25&quot;</td>
<td>23&quot;</td>
<td>21&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>13&quot;</td>
<td>1/3</td>
<td>3&quot;</td>
</tr>
<tr>
<td>DF-200</td>
<td>50 GPM</td>
<td>22&quot;</td>
<td>28&quot;</td>
<td>30&quot;</td>
<td>31&quot;</td>
<td>25&quot;</td>
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<td>1/3</td>
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<td>DF-360</td>
<td>95 GPM</td>
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<td>28&quot;</td>
<td>40&quot;</td>
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<td>35&quot;</td>
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<td>39&quot;</td>
<td>40&quot;</td>
<td>43&quot;</td>
<td>35&quot;</td>
<td>28&quot;</td>
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<td>20&quot;</td>
<td>18&quot;</td>
<td>1/3</td>
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<td>39&quot;</td>
<td>39&quot;</td>
<td>42&quot;</td>
<td>43&quot;</td>
<td>43&quot;</td>
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<td>22&quot;</td>
<td>1/3</td>
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<td>DF-1500</td>
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<td>59&quot;</td>
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<td>43&quot;</td>
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<td>22&quot;</td>
<td>1/3</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

*Flow rates above are based on water soluble coolant and 50 micron clarity.

Applications:
- All grinding applications
- General machining
- Honing and gear cutting
- Lathe operations
- Parts washers
- Phosphatizing baths
- Tube and rolling mills
- Waste treatment
- Wire drawing

Clean coolant discharge dimensions: “D” by “E”

Contact us to request a quote today
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