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Delpark® Filters Gravity Bed

Delpark Filter “G” Series Flow Rate Guide for typical applications

<table>
<thead>
<tr>
<th>Filter Model</th>
<th>Filtration Area (sq.ft)</th>
<th>Flow Rate (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G24AC24</td>
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<tr>
<td>G48AC48</td>
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<td>G30AC36</td>
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<td>G48AC72</td>
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<td>G48AC240</td>
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</table>

Other Filtration Systems Available
“D” Series Delpark Gravity Filters
Heavy Duty Gravity Filters
Tube-O-Matic – Innovative Weir Type Filtration
www.tube-o-matic.com

Filter-Matic – Vacuum Systems
www.filter-matic.com

Standard Filtration Systems designs are available for filtration up to 5,000 GPM. For larger applications, please call to discuss other options.

Your Delpark® Distributor:

ACE MANUFACTURING INC.
1364 Blundell Road Mississauga Ontario Canada L4Y 1M5
Tel 905-270-1863 Toll Free 1-888-314-0138 Fax 905-270-0264
www.delpark-filters.com

Supplying Your Environmental Solutions
We look forward to serving your application requirements and thank you for your interest in our products.
**Delpark Filters Gravity Bed**

Delpark Gravity Bed Filters are available in Carbon and Stainless Steel to meet most process requirements. Stainless models are ideal for all food processing. They meet FDA guidelines, handle corrosion resistant type applications and provide extra longevity for acidic environments. Custom units are available in many alloys to meet the most demanding applications.

All units can be customized to meet your specific requirements.

**Clean Coolants for Higher Production**

The continuous removal of coolant particles assures a constant supply of clean coolant, resulting in better product finishes and higher productivity. Continuous coolant filtration, in particular, benefit from continuous coolant filtration, as grinding wheels are kept cleaner and enjoy longer operating life, while less wheel dressing is required.

**Filtration System**

The Delpark® gravity bed filter is a continuous self-cleaning gravity filter. Solids are removed as liquid flows through the filter media and are then discharged in a relatively dry condition into an outside container.

The blanket type filter media is carried by an endless conveyor. The conveyor’s sloping sides create a deep pool for the liquid, while an inclined discharge ramp provides carry off for the waste.

As unfiltered liquid flows onto the filter media, it passes through the media and deposits solids on the media surface (thus forming an additional filtering stage). When the rate of liquid flow through the filter media is appreciably slowed by accumulating waste, the level of standing liquid rises and actuates the float control.

The motor-driven conveyor belt is advanced, dumping waste-laden filter media into a holding box and bringing a section of fresh media into position under the liquid flow.

The float control senses when the liquid flow has resumed its proper rate, and controls media advance accordingly.

**Typical Applications**

- **Carbon Steel Units**
  - Metalworking Coolants
  - Hone Oils
  - Quench Oils
  - Cutting Oils
  - Sludge Dewatering
  - Paint Spray Booth Water
  - Scrubber Discharge
  - Floor Washing/Plant Cleanup

- **Stainless Steel Units**
  - Food Processing
  - Greenhouses
  - Fryer Fats
  - De-ionized water
  - Acidic/Alkaline Environments
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Clay Flocculation Systems

Other Filtration Systems Available

"G" Series Delpark Filter “G” Series Flow Rate Guide for typical applications

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--- | --- | --- | --- | --- | ---
G18AF-11 | 3 | 12 | G48AC48 | 24 | 18-40
G30AF-15 | 4 | 18-34 | G48AC60 | 30 | 23-64
G36AF-18 | 5 | 24-40 | G48AC72 | 35 | 28-72
G30AF-21 | 6 | 30-48 | G48AC84 | 40 | 33-84
G36AF-24 | 8 | 42-72 | G48AC96 | 45 | 51-102
G36AF-27 | 9 | 51-90 | G48AC108 | 50 | 57-120
G36AF-30 | 10 | 60-120 | G48AC120 | 55 | 72-144

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<td>D960 G48</td>
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<td>D1200 G72</td>
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<td>D1800 G126</td>
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<tr>
<td>D2400 G170</td>
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