### PBF-100 SPECIFICATIONS

**Min. ROOM HEIGHT**

- **Assumes the mixing motor removed from filter. Minimum height required to drop propeller shaft and remove the filter head.**

- **Assumes mixing motor removed from filter. Minimum height required to remove filter head with propeller shaft installed. Does not include excess height for instation of lifting device.**

- **Mixing motor upgrades available in 50 Hz and/or 3 Phase.**

<table>
<thead>
<tr>
<th>Letter</th>
<th>Dimension</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>~150&quot;</td>
<td>Overall Diameter</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>130&quot;</td>
<td>Min. ROOM HEIGHT</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>122&quot;</td>
<td>Min. ROOM HEIGHT</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>121&quot;</td>
<td>Overall Height</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>112&quot;</td>
<td>Motor Mount</td>
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</tr>
<tr>
<td>F</td>
<td>58&quot;</td>
<td>Head</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>92&quot;</td>
<td>Outlet</td>
<td></td>
</tr>
<tr>
<td>H</td>
<td>87&quot;</td>
<td>Flange</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>~5.5&quot;</td>
<td>Inlet / Sludge Drain Coupling</td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>156&quot;</td>
<td>Inlet Valve</td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>14.5'</td>
<td>Sludge Drain Valve</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Backwash Water Loss</td>
<td>100-200 gallons</td>
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<tr>
<td></td>
<td></td>
<td>Max Operating Pressure</td>
<td>20 PSI</td>
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<tr>
<td></td>
<td></td>
<td>Shipping Weight</td>
<td>6000 Lbs</td>
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</tbody>
</table>

**Std. Motor HP : Phase / Hz / V**

- Std. Motor HP: 10 HP: 3 / 60 / 208 / 230-460
- Std. Motor Amp Draw: 28 / 26 - 13

**Max Flow Rate**

- 600 gpm

**Ft³ of Media**

- 100

**Ft² of Surface Area**

- 40000

**Inlet / Sludge Drain Coupling**

- 6" Fipt

**Outlet Pipe**

- (2x) 6" Fipt, 180° apart

**Emergency Drain Valve**

- 2" Fip

**Inlet Valve**

- 6" Fipt

**Sludge Drain Valve**

- 6" Fipt

**Backwash Water Loss**

- 100-200 gallons

**Max Operating Pressure**

- 20 PSI

**Shipping Weight**

- 6000 Lbs

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*Filter shown for Illustrative Purposes only.*

*Drawing is NOT drawn to scale.*

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