The PDO300PA is a Compact Dropout® unit and is used as an inline point of use liquid water separator and contaminant remover. It can be used in a wide range of applications and offers exceptional flow rates.

Unlike traditional cyclonic separators which rely on constant and stable flows, Dropout® has the ability to maintain its performance levels during start up where it reaches optimum performance in a fraction of a second.

**Product Overview**

- 11 cfm flow rate
- 16 bar maximum pressure
- >99.9999% liquid water removal
- 1 micron particulate removal
- Built-in auto-drain

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Key Product Benefits

- Superior protection for your compressed air equipment at point of use
- Stand-alone replacement for water separators and/or coalescing filters
- Protection upstream of refrigerant and desiccant dryers
- Maintains its performance levels during start up where it reaches optimum performance in a fraction of a second
- All the protection you need in one device instead of having to purchase and maintain a multiplicity of different products

Key Product Features

- No consumables
- No increase in pressure drop caused by blocked filters
- No mains power or batteries
- Significantly lower life cycle costs
- Easy to install
- Instantaneous recovery from pulsed flows or stop start
- Maintenance free
- Built-in auto-drain

Part No. PDO300PA

Operating Specification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rate @ 7 bar min - max</td>
<td>0.04 - 15 cfm</td>
</tr>
<tr>
<td></td>
<td>1 - 425 l/min</td>
</tr>
<tr>
<td>Maximum Inlet Pressure</td>
<td>232 psi</td>
</tr>
<tr>
<td>Max Recommended Inlet Temperature</td>
<td>35 °C</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>&gt;0 to +60 °C</td>
</tr>
</tbody>
</table>

Mechanical Specification

- Water Storage: 50 cc
- Inlet / Outlet Connection: 1/2" BSPT
- Drain Connection: 1/8" Automatic
- Weight: 540g
- Product Dimensions: 182.5 mm x 88 mm dia
- Particulate Removal: 1 micron (tested to 0.2 micron)
- Material (housing): Nylon
- Material (Internal): ABS

Approvals

- ATEX Mark: Ex II 2G IIC T6 Gb

PCL is the world leader in the design and manufacture of tyre inflation and compressed air products.

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