

DRIVEN BY AIR.



Dropout[®] Point of Use Liquid Water Remover

Exceptional compressed air
quality guaranteed.

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

Flow Rate @ 7 bar min - max (rated):	0.04 - 15 cfm (11 cfm) 1 - 425 l/min (283 l/min)
Maximum Inlet Pressure:	232 psi 16 bar
Max Recommended Inlet Temperature:	35 °C
Operating Temperature:	>0 to +60 °C

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
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