



## DO00300PA - POINT OF USE LIQUID WATER (CONDENSATE) REMOVER

EXCEPTIONAL COMPRESSED AIR QUALITY GUARANTEED

Dropout® will dramatically improve compressed air systems throughout the industry. The unique design allows it to efficiently remove >99.9999% of liquid water and remove other contaminants down to 1 micron.



### DO00300PA

#### PRODUCT OVERVIEW

- 11 cfm rated flow rate  
\*See technical data on pages 2 & 3
- 15 bar(g) maximum pressure
- 1/2" BSPT inlet/outlet connection
- 1 micron particulate removal (>99% removal efficiency)

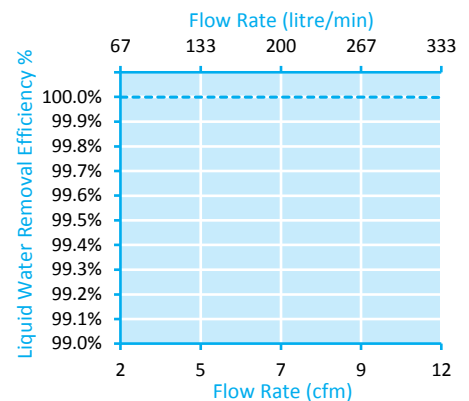
...see pages 2 & 3 for detailed product specification

#### FEATURES

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

### >99.9999%

#### LIQUID WATER REMOVAL



#### COMPACT

The DO00300PA is a 'Compact' Dropout® unit and is used as an in-line point of use liquid water separator and contaminant remover. It is used in a wide range of applications and flow rates:

- Superior protection for your application at point of use
- Stand-alone replacement for water separators and/or coalescing filters
- Protection upstream of refrigerant & desiccant dryers

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.

All the protection you need in one device instead of having to purchase and maintain a multiplicity of different products.

Save money, save energy, save time.

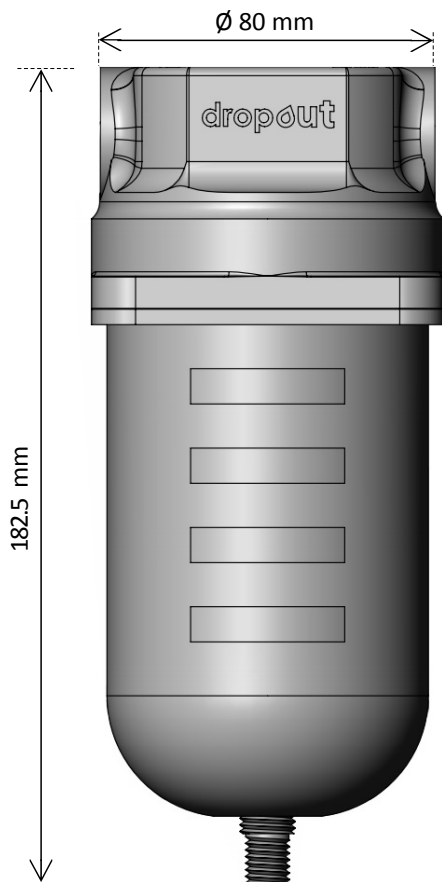
# TECHNICAL DATA

Operational Specification	
Flow rate for a 7 bar(g) system min - max   (rated)	0.06 - 25.5 m <sup>3</sup> /hr   (17)
	0.04 - 15 cfm   (11)
	1 - 425 litre/min   (283)
Operating pressure	1 - 15 bar(g)
	15 - 217 psi(g)
Operating temperature	>0 to +80 °C
	>32 to 176 °F
Maximum recommended inlet temperature	35 °C
	95 °F

Mechanical Specification	
Product code	DO300PA
Water storage	50 cc
Inlet/Outlet connection	1/2" BSPT
Drain connection	1/8"
Weight	540 g
Product dimensions	182.5 mm x 88 mm dia
Particulate removal	1 micron (tested to 0.2 micron)
Material (housing)	Nylon
Material (internal)	ABS

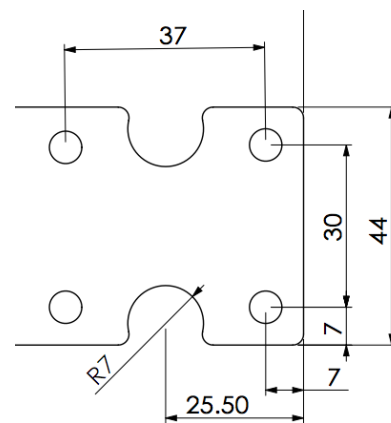
	Correction Factors														
Line Pressure (psig)	14.5	29.0	43.5	58.0	72.5	87.0	101.5	116.0	130.5	145.0	159.5	174.0	188.5	203.1	217.6
Line Pressure (barg)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Correction Factor	0.53	0.63	0.73	0.79	0.87	0.94	1.00	1.09	1.17	1.25	1.33	1.40	1.48	1.56	1.64

## Product Line Drawing\*



\*Not to scale

## Line Drawing for Mounting\*



Screws M6 x 8 mm

\*Not to scale

Box Contents	QTY
DO300PA Unit	1
Automatic drain valve	1
Mounting bracket	1
Screws M6 x 8 mm	4
Bolts	4
Manual	1

# PRESSURE DROP (at 7 barg)

