dropdut

DO00300 - 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.



DO00300

PRODUCT OVERVIEW

- 11 cfm rated flow rate *See technical data on pages 2 & 3
- 15 bar(g) maximum pressure
- 1/2" BSPT/NPT inlet/outlet connection
- 1 micron particulate removal (>99% removal efficiency)
- SS304 SS316 Aluminium or Nylon

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

FEATURES

- ISO 12500 Part 3 & 4
- >99.9999% Liquid water removal efficiency
- 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
- Virtually maintenance free

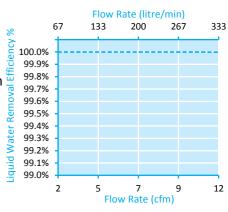
All the protection you need in one device instead of having to purchase and maintain a multiplicity of different products.

Save money, save energy, save time.

For additional benefits we recommend you fit a Dropout[®] Auto-drain. Please see our website or contact us for further information.

>99.9999%

LIQUID WATER REMOVAL



COMPACT

The DO00300 is a 'Compact' Dropout[®] unit and is used as an inline point of use liquid water separator and contaminant remover. It is used in a wide range of applications and flow rates:

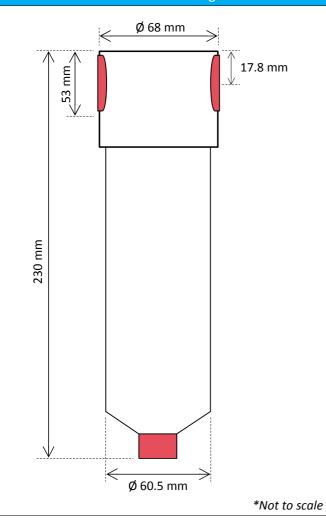
- Superior protection for your application at point of use
- Stand-alone replacement for water separators and/or coalescing filters
- Protection upstream of refrigerant & desiccant dryers

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.

TECHNICAL DATA

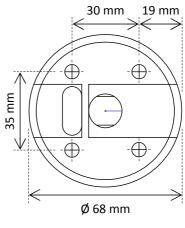
Operational Spe	ecification	Mechanical Specification			
Flow rate for a 7 bar(g) system min - max (rated)	0.06 - 25.5 m³/hr (17)	Product code	DO00300		
	0.04 - 15 cfm (11)	Water storage	270 сс		
	1 - 425 litre/min (283)	Inlet/Outlet connection	1/2" BSPT/NPT		
Operating pressure	1 - 15 bar(g)	Drain connection	1/2" (m) BSPT		
	15 - 217 psi(g)	Weight	1.49 kg		
Operating temperature	>0 to +80 °C	Product dimensions	230 mm x 60.5 mm Ø		
	>32 to 176 °F	Particulate removal	1 micron (tested to 0.2 micron)		
Maximum recommended inlet temperature	35 °C	Material Options (housing)	SS304 SS316 Nylon Aluminium		
	95 °F	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*

Line Drawing for Mounting*



Screws M6 x 8 mm

*Not to scale

Box Contents	QTY
DO00300 Unit	1
Manual drain valve	1
Mounting bracket	1
Screws M6 x 8 mm	4
Bolts	4
Manual	1

Auto-drains available contact us or visit our website

PRESSURE DROP (at 7 barg)

