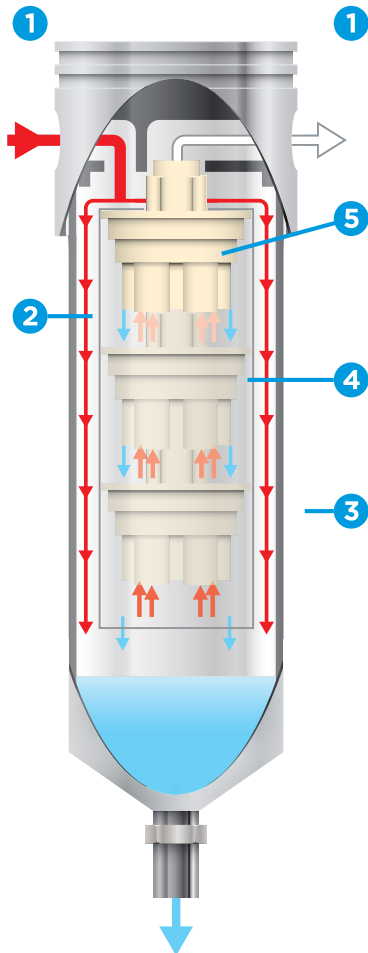


# dropout

Liquid **water removal** guaranteed



## How it works:

A unique, patent protected product designed to revolutionise the compressed air industry

1. Minimal Inlet/Outlet pressure drop
2. Performance does not depend on the compressed air having a stable flow rate or high velocity
3. Sealed for life stainless steel housing
  - No requirement for replacement filter cartridges
  - No increase in pressure drop caused by blocked filters
  - Easy to clean
4. Modular, scalable design delivers a wide flow rate product range without compromising the efficiency of removal of water and solid particles
5. Unique patent protected multiple impact design operates far more efficiently than conventional filter designs
6. No drop in liquid water or particle removal efficiency throughout the life of the product

Note: 99.999% efficient regardless of flow rate.

## **Dropout® - extremely high performance water separation (99.999%) at wide flow rates without the need for replacement filter elements.**

Our unique patented multi-impact design means that we do not rely on stable flow or pressure to reach optimum performance unlike traditional cyclonic separators. This means the product performance remains constant at flows between 0.04 cfm and 500 cfm. This performance is also not affected by variable pressures or pulsed flows. All this coupled with particulate removal down to 0.5 micron and without the need for costly replacement consumables means the whole life cost is significantly reduced when compared with similar products available.

Dropout® has multiple applications acting not only as a stand-alone water separator or coalescing filter but also providing protection of refrigerated and desiccant dryer by (pre) filtering bulk liquid and contaminants.

Advanced technologies in the design enable Dropout® to operate between these wide and variable flow rates and maintain a low-pressure drop throughout the life of the product.

**True clarity in an unconventional world!**

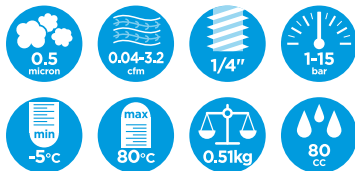


[www.dropout.co.uk](http://www.dropout.co.uk)

For more info contact us on (+44) 1572 338041



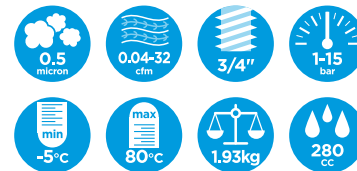
## D060S



- 99.999% liquid water removal
- Stainless Grade 304
- Dimensions: H230mm x W34mm Ø
- Flow rate up to 3.2 cfm
- Particle removal 0.5 micron
- No replacement filter element
- **5 year guarantee**



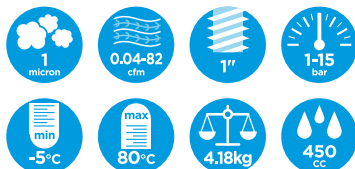
## D0600S



- 99.999% liquid water removal
- Stainless Grade 304
- Dimensions: H270mm x W60.5mm Ø
- Flow rate up to 32 cfm
- Particle removal 0.5 micron
- No replacement filter element
- **5 year guarantee**



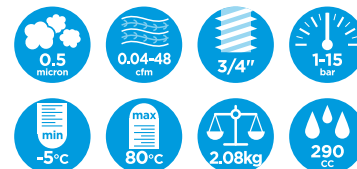
## D01500S



- 99.999% liquid water removal
- Stainless Grade 304
- Dimensions: H401mm x W89mm Ø
- Flow rate up to 82 cfm
- Particle removal 1 micron
- No replacement filter element
- **5 year guarantee**



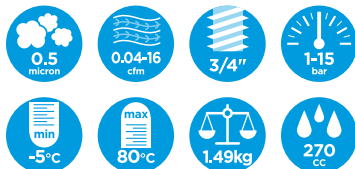
## D0900S



- 99.999% liquid water removal
- Stainless Grade 304
- Dimensions: H310mm x W60.5mm Ø
- Flow rate up to 48 cfm
- Particle removal 0.5 micron
- No replacement filter element
- **5 year guarantee**



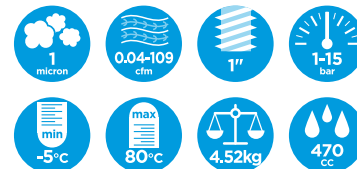
## D0300S



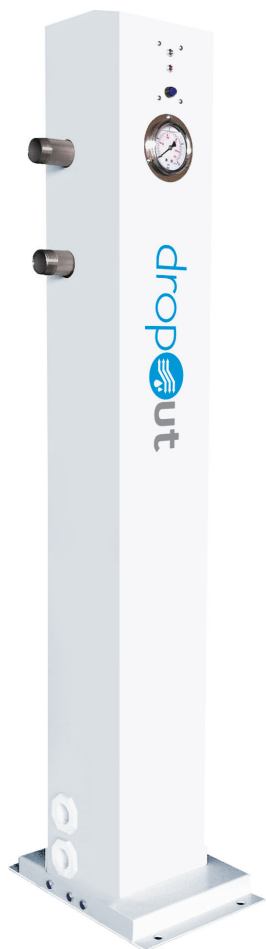
- 99.999% liquid water removal
- Stainless Grade 304
- Dimensions: H230mm x W60.5mm Ø
- Flow rate up to 16 cfm
- Particle removal 0.5 micron
- No replacement filter element
- **5 year guarantee**



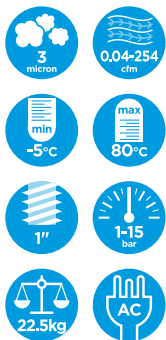
## D02000S



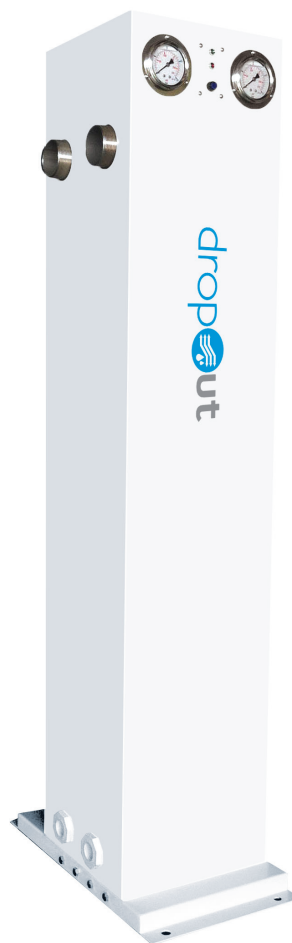
- 99.999% liquid water removal
- Stainless Grade 304
- Dimensions: H465mm x W89mm Ø
- Flow rate up to 109 cfm
- Particle removal 1 micron
- No replacement filter element
- **5 year guarantee**



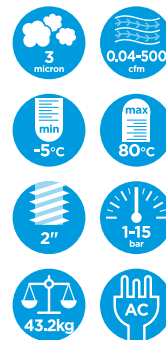
## DO4000T



- 99.999% liquid water removal
- Mild steel-powder coated RAL 9016
- Dimensions: H1200 mm x W220 mm x D155 mm
- Flow rate up to 254 cfm
- Particle removal 3 micron
- No replacement filter element
- Fitted with pressure gauge
- Auto drain
- AC mains powered
- **5 year guarantee**



## DO8000T



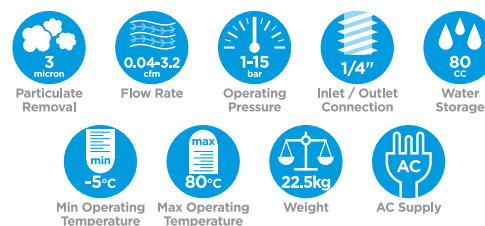
- 99.999% liquid water removal
- Mild steel-powder coated RAL 9016
- Dimensions: H1350 mm x W280 mm x D500 mm
- Flow rate up to 500 cfm
- Particle removal 3 micron
- No replacement filter element
- Fitted with pressure gauge
- Auto drain
- AC mains powered
- **5 year guarantee**

**Dropout Titan® has been designed to operate in environments where there is a relatively high flow of air and where efficient bulk liquid water removal is essential.**

It has exactly the same water removal efficiency and characteristics of the smaller flow rates (99.999%) and can be installed at either point of use or down stream of your existing air receiver tank.

Dropout® Titan has an integrated auto drain to ensure that liquid water and contamination is efficiently removed. For installations down stream of your existing receiver tank we recommend fitting our smaller flow rates as a final polisher at point of use if required.

## Product icon key



Product Code	Flow Rate					Water storage (cc)	Inlet/Outlet connection (BSPT)	Drain connection (manual BSPT)	Product dimensions (mm)	Weight (kg)	Particulate removal (micron)
	(cfm)	(L/sec)	(L/min)	(m <sup>3</sup> /min)	(m <sup>3</sup> /hr)						
DO60S	0.04 - 3.2	0.02 - 1.5	1 - 90	0.001 - 0.09	0.06 - 5.4	80	1/4"	1/2" (m)	230 x 34 Ø	0.51	0.5
DO300S	0.04 - 15.9	0.02 - 7.5	1 - 450	0.001 - 0.45	0.06 - 27.0	270	3/4"	1/2" (m)	230 x 60.5 Ø	1.49	0.5
DO600S	0.04 - 31.8	0.02 - 15.0	1 - 900	0.001 - 0.90	0.06 - 54.0	280	3/4"	1/2" (m)	270 x 60.5 Ø	1.93	0.5
DO900S	0.04 - 47.7	0.02 - 22.5	1 - 1350	0.001 - 1.35	0.06 - 81.0	290	3/4"	1/2" (m)	310 x 60.5 Ø	2.08	0.5
DO1500S	0.04 - 81.7	0.02 - 38.6	1 - 2314	0.001 - 2.31	0.06 - 138.6	450	1"	1/2" (m)	401 x 89 Ø	4.18	1
DO2000S	0.04 - 108.9	0.02 - 51.4	1 - 3085	0.001 - 3.09	0.06 - 185.4	470	1"	1/2" (m)	465 x 89 Ø	4.52	1
DO4000T	0.04 - 254.3	0.02 - 120.0	1 - 7200	0.001 - 7.20	0.06 - 432.0	600	1"	Automatic	1200 (H) x 220 (W) x 155 (D)	22.5	3
DO8000T	0.04 - 501.5	0.02 - 236.7	1 - 14200	0.001 - 14.20	0.06 - 852.0	1100	2"	Automatic	1350 (H) x 280 (W) x 500 (D)	43.2	3

Product Range	Operating Pressure				Operating Temp				Max Recommended Inlet Temp		Pressure drop at optimum flow rate (7 bar)	Material
	Min		Max		Min		Max					
	psi g	bar g	psi g	bar g	°C	°F	°C	°F	°C	°F		
DO60S-DO2000S	15	1	217	15	-5	23	80	176	35	95	0.38	Stainless Grade 304
DO4000T-DO8000T	15	1	217	15	-5	23	80	176	35	95	0.38	Mild Steel-powder coated RAL 9016