

# dropout<sup>®</sup>

CERTIFIED LIQUID AND PARTICULATE REMOVER



Removes **99.9999%** of liquids from your **compressed air system**.

**ISO 12500 part 4**

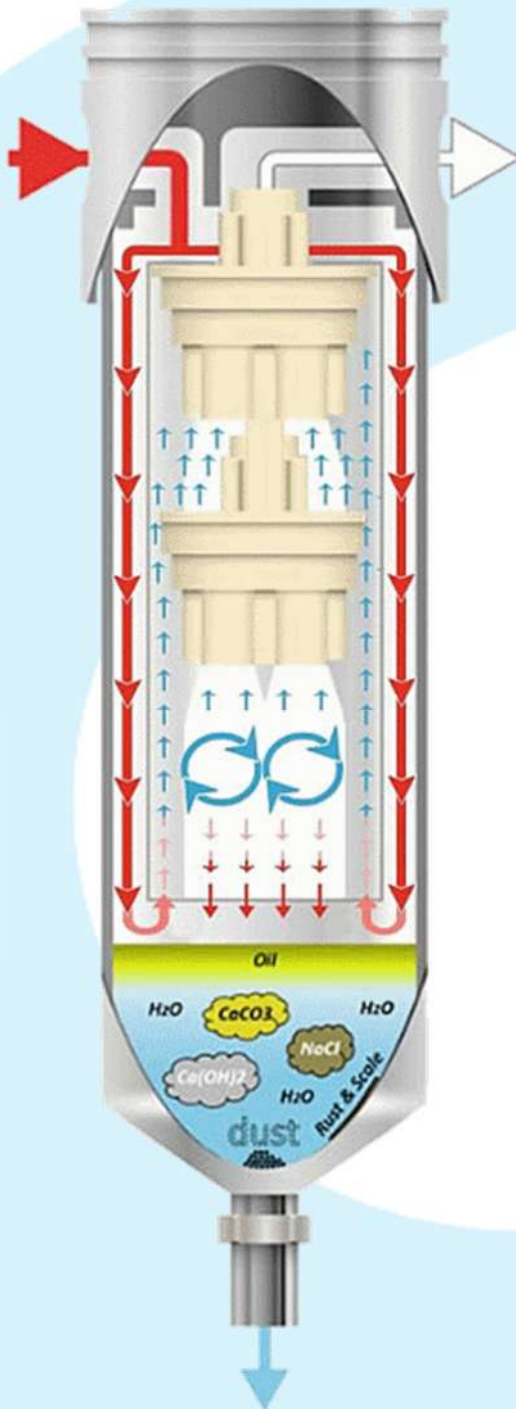
Removes **ALL** particles down to **2µm** and **99%** down to **1µm**

**ISO 12500 part 3**

**No** wear parts or consumables

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Dirty air enters the inlet port and is directed through our primary chamber where directional changes cause the air to spin removing heaviest content.

The air then passes through a small annulus causing the air to expand rapidly and cool.

The air then passes through the DCC (Dropout Clarification Chambers) where precision engineered venturis deflect the air causing particle coalescence.

Liquid then falls to the base of the unit where it is collected and drained.

Multiple DCCs polish the air of all remaining aerosol particles leaving the downstream air of the Dropout clean, dry and polished.

# dropout®

Air Flow	Port Size	SCFM*	LPM	m3/hr	Water Storage (cc)	Manual Drain Port	Operating Temperature	Integral Drain Option
DO60	1/4"	22	623	37	80	1/2"	Min -5°C Max 80°C	N
DO150	1/4"	37	1047	62	200	1/2"	Min -5°C Max 80°C	N
DO300	1/2"	111	3143	188	270	1/2"	Min -5°C Max 80°C	Y
DO600	3/4"	222	6287	377	280	1/2"	Min -5°C Max 80°C	Y
DO900	3/4"	334	9458	567	290	1/2"	Min -5°C Max 80°C	Y
DO1500	1"	667	18889	1133	450	1/2"	Min -5°C Max 80°C	N
DO2000	1"	741	20985	1259	470	1/2"	Min -5°C Max 80°C	Y
DO4000	1"	1483	41998	2521	600	1/2"	Min -5°C Max 80°C	Y
DO8000	2"	2965	83968	5040	1100	1/2"	Min -5°C Max 80°C	Y
DO16000	2"	5930	167937	10081	2200	3/4"	Min -5°C Max 80°C	Y
DO32000	3"	11861	335903	20163	4400	3/4"	Min -5°C Max 80°C	Y

SCFM based on 14.7 psi at 60° F, Flow recorded at 7 bar with 0.5 bar back pressure

Availability	SS304	SS316	SS304 NPT	SS316 NPT	Aluminium	Ali with Drain	Nylon with Drain	Titan
DO60	x		x	x				
DO150	x		x	x				
DO300	x	x	x	x	x	x	x	
DO600	x		x	x	x	x		
DO900	x	x	x	x	x	x		x
DO1500	x		x	x				
DO2000	x	x	x	x	x	x		x
DO4000	x	x	x	x		x		x
DO8000								x
DO16000								x
DO32000								x

BSPT unless stated

Weight	SS304	SS316	SS304 NPT	SS316 NPT	Aluminium	Ali with Drain	Nylon with Drain	Titan
DO60	0.51		0.51	0.51				
DO150	1.16		1.16	1.16				
DO300	1.49	1.49	1.49	1.49	1.06	0.92	0.54	
DO600	1.93		1.93	1.93	1.00	0.99		
DO900	2.08	2.08	2.08	2.08	1.20	1.10		9.50
DO1500	4.18		4.18	4.18				
DO2000	4.52	4.52	4.52	4.52	2.50	2.30		10.50
DO4000	5.21	5.21	5.21	5.21		2.60		12.00
DO8000								26.50
DO16000								78.50
DO32000								131.00

All in kg

Dimensions	SS304	SS316	SS304 NPT	SS316 NPT	Aluminium	Ali with Drain	Nylon with Drain	Titan
DO60	220 x 41 Ø		220 x 41 Ø	220 x 41 Ø				
DO150	230 x 56 Ø		230 x 56 Ø	230 x 56 Ø				
DO300	230 x 68 Ø	230 x 68 Ø	230 x 68 Ø	230 x 68 Ø	230 x 68 Ø	249 x 68 Ø	80 x 80 x 185	
DO600	270 x 68 Ø		270 x 68 Ø	270 x 68 Ø	270 x 68 Ø	289 x 68 Ø		
DO900	310 x 68 Ø	310 x 68 Ø	310 x 68 Ø	310 x 68 Ø	310 x 68 Ø	328 x 68 Ø		520 (H) x 320 (W) x 235 (D)
DO1500	400 x 97 Ø		400 x 97 Ø	400 x 97 Ø				
DO2000	465 x 97 Ø	465 x 97 Ø	470 x 97 Ø	470 x 97 Ø	470 x 97 Ø	412 x 97 Ø		665 (H) x 320 (W) x 300 (D)
DO4000	470 x 97 Ø	470 x 97 Ø	470 x 97 Ø	470 x 97 Ø		482 x 97 Ø		765 (H) x 320 (W) x 300 (D)
DO8000								1000 (H) x 445 (W) x 380 (D)
DO16000								1450 (H) x 685 (W) x 490 (D)
DO32000								1450 (H) x 685 (W) x 490 (D)

All dimensions in mm

Autodrain	Material	Inlet	Outlet	Inlets	Weight kg	Operating Pressure	Operating Temperature	Size
DOAD128	Aluminium	1/2"	1/8"	2	0.40	1-15 Bar	Min -5°C Max 80°C	80 x 70 x 187
DOAD228	SS304 SS	1/2"	1/8"	1	0.76	1-15 Bar	Min -5°C Max 80°C	140 x 55 Ø
DOAD228316	SS316 SS	1/2"	1/8"	1	0.76	1-15 Bar	Min -5°C Max 80°C	140 x 55 Ø

All dimensions in mm


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CE

## Declaration of Conformity



Date of Issue:	24th June 2016
File Reference No:	15FILE0037
Equipment:	Compressed air filters branded under the name Dropout
Manufacturer:	Dropout Technology Ltd Unit 1 Willow Row, Longton Stoke On Trent Staffs ST3 2PU
On File With:	ExVeritas Limited Unit 16-18, Abenbury Way. Wrexham Industrial Estate, Wrexham, LL13 9UZ, UK
Harmonized Standards Applied:	EN13463-1:2009
Products are marked additionally:	 II 2G IIC T6 Gb

We, the supplier hereby certify that the above apparatuses described above conforms with the protection requirements of Council Directive 2014/34/EU of 29 March 2014 on the approximation of the laws of the Member States Concerning Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres.

Brett Ciupek  
Director

Richard Buddin  
Director

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POINT OF USE LIQUID WATER REMOVER  
FOR 'COMPACT' RANGE

SÉPARATEUR D'EAU SUR POINT D'UTILISATION  
POUR GAMME 'COMPACT'

DEZENTRALER WASSERABSCHIEDER FÜR DIE  
'COMPACT'-REIHE

REMOVER ACQUA STATO LIQUIDO PUNTO DI UTILIZZO PER  
GAMMA 'COMPACT'

ELIMINADOR DE AGUA LÍQUIDA EN EL PUNTO DE CONSUMO  
PARA LA LÍNEA 'COMPACT'

## User Guide

Manuel d'utilisation

Gebrauchsanleitung

Guida per l'Utente

Manual del usuario



HEALTH & SAFETY  
SANTÉ ET SÉCURITÉ  
ARBEITSSICHERHEIT  
SALUTE E SICUREZZA  
SALUD Y SEGURIDAD



*[English]* This product must be installed and used by competent personnel only, under strict observance of the operating instructions and any relevant health and safety requirements where appropriate. Ensure product is earthed to prevent static charge. *[Ref c.]*



*[Français]* Ce produit doit être installé et utilisé exclusivement par du personnel qualifié, et dans le respect total des consignes d'utilisation et des exigences relatives à la santé et à la sécurité des utilisateurs, le cas échéant.

*S'assurer que le produit est relié à la terre pour éviter toute charge électrostatique. [Ref c.]*



*[Deutsch]* Dieses Produkt darf nur von sachkundigem Personal unter strenger Beachtung der Betriebsanweisungen und ggf. zu beachtender Arbeitssicherheitsvorschriften installiert und verwendet werden. Sorgen Sie dafür, dass das Produkt geerdet ist, um statische Entladung zu vermeiden. *[Ref c.]*



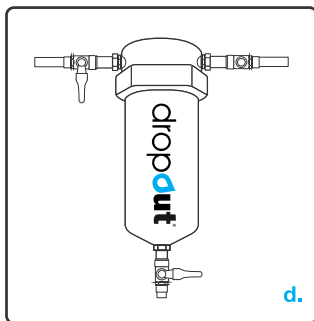
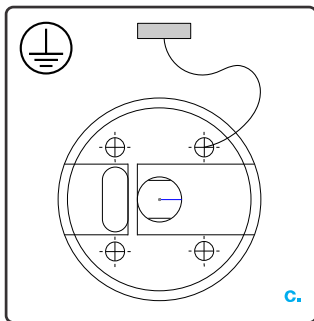
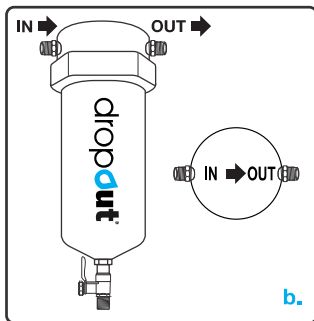
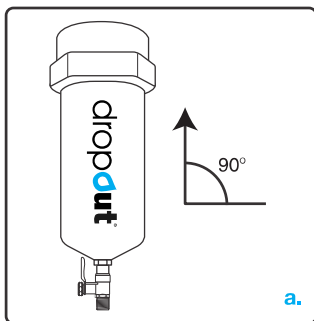
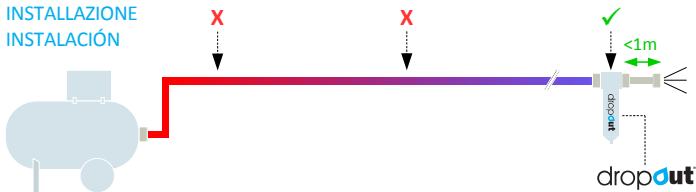
*[Italiano]* Questo prodotto deve essere installato e utilizzato solo da personale competente, previo rigoroso rispetto delle istruzioni per l'uso ed eventuali requisiti sulla salute e sicurezza se del caso. Assicurarsi che il prodotto sia collegato a terra per evitare cariche elettrostatiche. *[Ref c.]*



*[Español]* Este producto debe ser instalado y utilizado únicamente por personal competente, siguiendo estrictamente las instrucciones de uso y cualquier requisito pertinente de salud y seguridad cuando sea procedente.

*Asegúrese de que el producto está conectado a tierra para evitar que se genere electricidad estática. [Ref c.]*

INSTALLATION  
EINBAU  
INSTALLAZIONE  
INSTALACIÓN



LIMITED WARRANTY REGULATION  
RÉGLEMENTATION RELATIVE À LA GARANTIE LIMITÉE  
BESCHRÄNKTE GEWÄHRLEISTUNG  
REGOLAMENTO GARANZIA LIMITATA  
REGULACIÓN DE LA GARANTÍA LIMITADA


*[English]* This unit is covered by a limited warranty which covers claims where the item is found to be faulty due to component or manufacturing defaults.

*[Français]* Cette unité est couverte par une garantie limitée en cas de dysfonctionnement dû à des composants défectueux ou à un vice de fabrication.

*[Deutsch]* Für dieses Produkt gilt eine beschränkte Gewährleistung für den Fall, dass es aufgrund eines Komponenten-oder Fertigungsfehlers fehlerhaft ist.

*[Italiano]* Quest'unità è coperta da una garanzia limitata che copre i sinistri qualora l'articolo sia riscontrato difettoso a causa di guasti di componenti o difetti di fabbricazione.

*[Español]* Esta unidad está cubierta por una garantía limitada que incluye reclamaciones por fallos del producto debidos a defectos de los componentes o de fabricación.

CE  II 2G IIC T6 Gb

STANDARDS: EN1127-1 AND EN13463-1

ATEX NB TECHNICAL FILE REF: ExVeritas 15FILE0037

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