

Condensate Management Systems

T-SEP Oil Water Separators

A typical compressed air and gas system can generate thousands of gallons of condensate each year, which may be up to 99.9% pure water. So why pay to dispose of water when you can easily and effectively clean it and simply pour it down the drain? The T-SEP range of oil water separators removes the oil from your condensate, allowing for safe and clean disposal while significantly lowering your condensate disposal costs.

Trident Pneumatics' T-SEP is not your standard oil water separator. Its innovative design and eco-friendly oil-absorbing filtration media elevate separation technology to a whole new level. No messy carbon bags, no settling tanks full of untreated condensate, and no external oil collection containers, just simple, effective condensate treatment.



Benefits

Advanced Filter Media

Traditional oil-water separators rely on activated carbon, which can be messy, requires pre-soaking, has a long contact time, and needs frequent replacement. In contrast, the T-SEP range offers a revolutionary solution for oil-water separation with a cutting-edge, proprietary media that is non-carbon-based. This advanced material attracts oil while repelling water, providing a simpler and more efficient solution.

Easy to Size

Sizing a traditional separator typically involves considering condensate flow, ambient conditions, compressor type, oil type, pressures, temperatures, and other equipment. However, T-SEP water separators simplify the process by allowing you to size them quickly and easily based solely on the air or gas flow, nothing else is needed!

Easy to Install

Traditional separators have a settling tank, making them bulky and heavy, requiring valuable floor space and a level surface to function properly. In contrast, T-SEP oil water separators eliminate the need for a settling tank, taking up less space and fitting wherever you need them. Plus, unlike carbon, the T-SEP media bags don't require pre-soaking, your separator is ready to use right out of the box.

Easy to Maintain

Unlike traditional heavy, dusty activated carbon bags that require pre-soaking, the advanced filter media comes in clean, lightweight, and easy-to-handle bags that need no pre-soaking, allowing for quick and simple media replacement. Plus, there's no settling tank to clean or oil collection container to empty.



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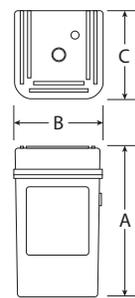
Product Specifications



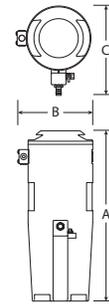
Ordering Part No.	Inlet		Outlet		Rated Flow ⁽²⁾ SCFM	Dimensions (Inches)			Weight lbs	Wall Mounting Bracket		Replacement Media kit	
	NPT/PTC ⁽¹⁾	NPT/PTC ⁽¹⁾	NPT/PTC ⁽¹⁾	NPT/PTC ⁽¹⁾		A	B	C		Ordering Part No.	Ordering Part No.	Ordering Part No.	Ordering Part No.
1280 8987 34	1/4" (x1) ⁽¹⁾	3/8" (x1) ⁽¹⁾	3/8" (x1) ⁽¹⁾	3/8" (x1) ⁽¹⁾	60	9.7	5.9	5.7	2.9	Included		1280 8987 34	
1280 8987 35	1/2" (x4)	3/4" (x1)	3/4" (x1)	3/4" (x1)	120	19.7	10.1	8.5	6.0	1280 8068 64		1280 8068 59	
1280 8987 36	1/2" (x4)	3/4" (x1)	3/4" (x1)	3/4" (x1)	360	25.7	13.5	11.1	7.9	1280 8068 84		1280 8068 79	
1280 8987 37	1/2" (x4)	3/4" (x1)	3/4" (x1)	3/4" (x1)	900	38.9	20.1	16.5	32.6	-		1280 8068 94	
1280 8987 38	1/2" (x4)	3/4" (x1)	3/4" (x1)	3/4" (x1)	1250	40.0	20.4	18.3	45.0	-		1280 8068 65	
1280 8987 39	3/4" (x8)	3/4" (x1)	3/4" (x1)	3/4" (x1)	1800	38.9	38.6	36.3	69.0	-		1280 8083 22	
1280 8987 40	3/4" (x8)	3/4" (x1)	3/4" (x1)	3/4" (x1)	2500	40.0	44.0	27.9	95.0	-		1280 8083 25	

Specifications	1280 8987 34	1280 8987 35 to 1280 8987 40
Expected media life ⁽⁴⁾	8000 hours @ 30 cfm 4000 hours @ 60 cfm	4000 hours
Maximum oil carry over	< 20 ppm	< 20 ppm
Warranty	1 year	10 years
Max condensate inlet pressure	232 psig	232 psig
Inlet condensate temperature range	35 to 110°F	35 to 110°F

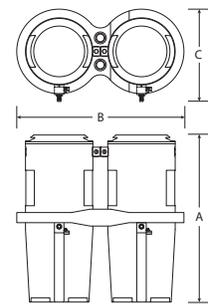
- (1) Push to connect
- (2) Sizing assumes an oil flooded compressor using mineral or synthetic lubricant with a maximum oil carry-over of 5 mg/m³ or less.
- (3) Media life decreases with increased condensate flow. For media life estimates at other flow rates contact Trident Pneumatics at support@airandgassolutions.com.
- (4) For use with PAG compressor lubricants contact Trident Pneumatics at support@airandgassolutions.com.
- (5) Direct inquiries to support@airandgassolutions.com or contact 704.897.2182.



1280 8987 34



1280 8987 35 to
1280 8987 38



1280 8987 39 to
1280 8987 40

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