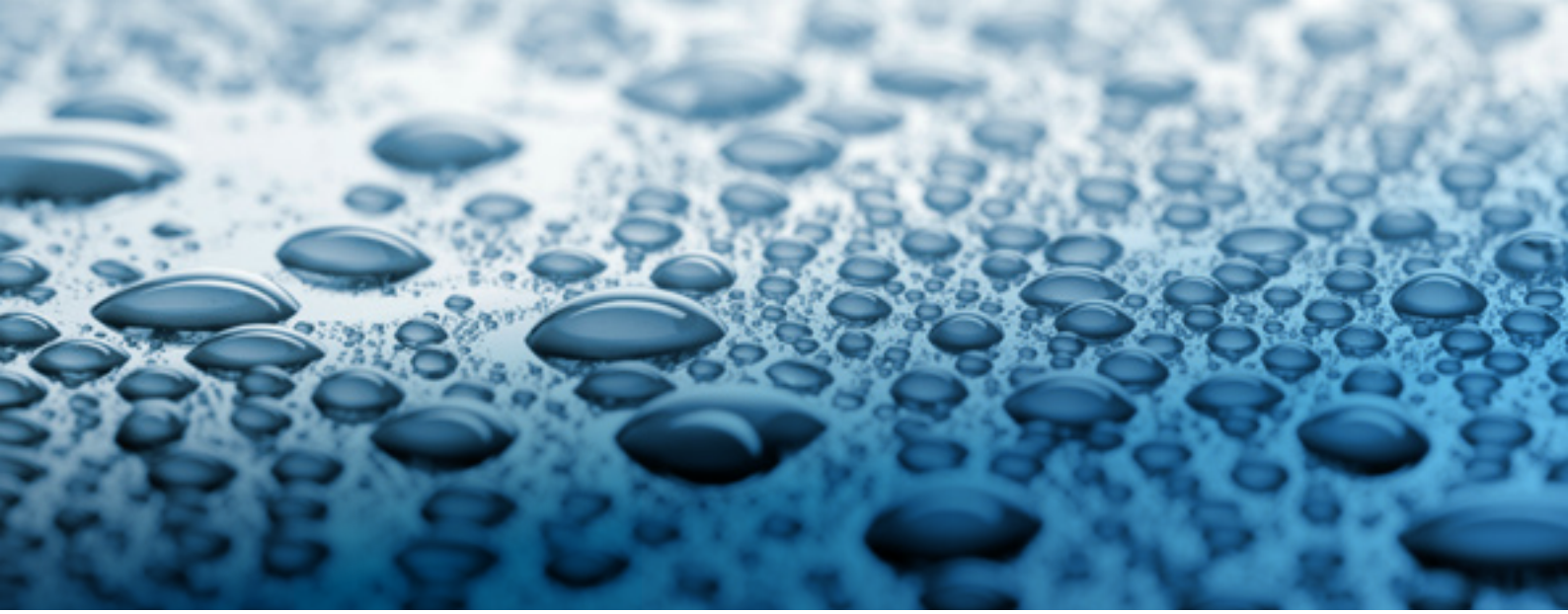


Condensate Treatment Systems

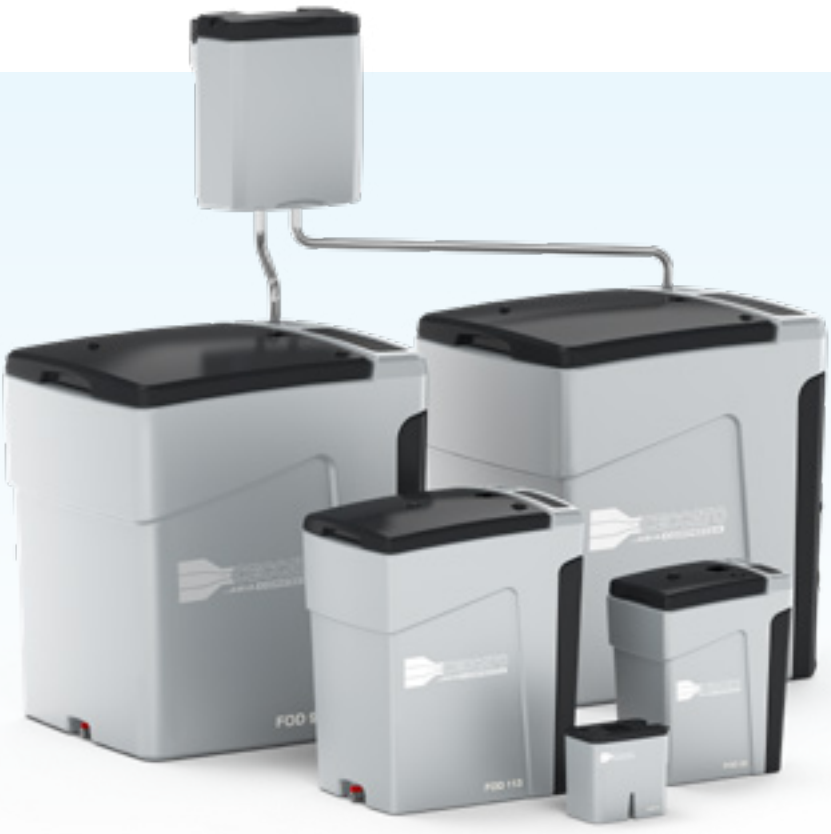
FOD 5-938

Cleaner condensate treatment

Every compressor generates condensate. With oil-lubricated compressors, this condensate consists of an oil-water emulsion, which must be treated to prevent the oil from getting into the sewage system. The new FOD 5-938 takes care of this job safely and effectively. It offers more complete oil separation and disposal, is much easier to use and is less messy to maintain than traditional oil-water separators.

FOD 5-938: Easy handling & better filtration

The low-maintenance and supremely easy-to-service cartridges of the new FOD 5-938 take the hassle out of condensate treatment. They offer more complete filtration as well. A dual-stage treatment ensures improved filtration by also separating stable emulsions, i.e. an oil-water mix that has not naturally separated. As a result, your waste water will meet even the toughest environmental standards.



How you benefit from the FOD 5-938

- **Simpler, less messy operation**
  Innovative cartridges make oil-water separation easier and cleaner
- **Low maintenance**
  4,000-hour service interval
- **Supreme waste water purity**
  Waste water achieves high purity with oil content as low as 5 ppm at outlet
- **Improved filtration for a cleaner environment**
  Also removes oil from stable emulsions

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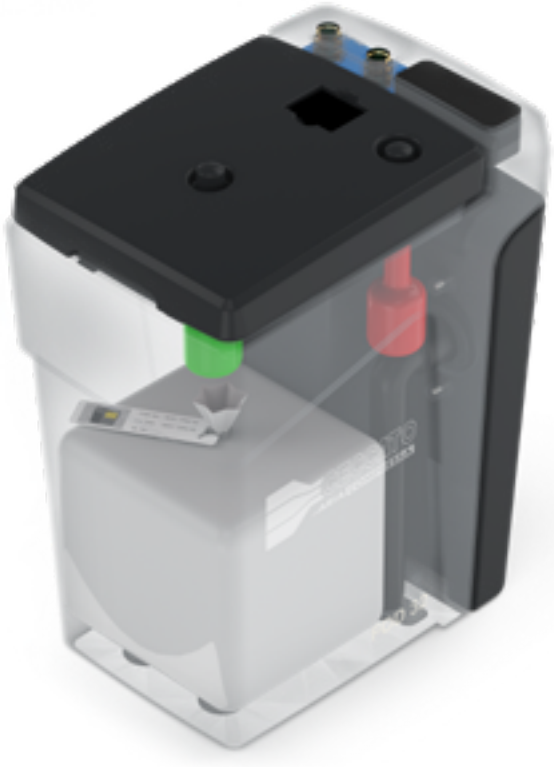
Raising the bar of oil-water separation



Innovative and effective dual-stage filtration

First, polypropylene removes the free oil, then the activated carbon/organoclay separates stable emulsions. This more complete filtration ensures your waste water meets even the toughest purity standards and contributes to a clean production.

User-friendly cartridges

Condensate treatment using conventional oil-water separators can be an arduous and messy process. The easy-to-use cartridges of the FOD 5-938 make it much simpler and cleaner.

Technical specifications

Model	Max capacity - Mild climate without dryer & filters			Max capacity - Mild climate with dryer & filters			Dimensions					
	l/s	m^3/min	cfm	l/s	m^3/min	cfm	A	B	C	Weight	Connections	
							mm (in)	mm (in)	mm (in)	kg (lb)	Condensate inlet	Water outlet
FOD 5	15	0.9	32	12	0.7	25	250 (10)	147 (6)	216 (9)	1.2 (2.6)	6mm (1/4")	10mm (3/8")
FOD 9	31	1.9	66	25	1.5	53	250 (10)	147 (6)	216 (9)	1.5 (3.4)	6mm (1/4")	10mm (3/8")
FOD 19	63	3.8	132	50	3.0	106	390 (15)	278 (11)	428 (17)	5.8 (12.7)	2 x 1/2"	1/2"
FOD 32	106	6.4	225	85	5.1	180	397 (16)	286 (11)	507 (20)	7.7 (16.9)	2 x 1/2"	1/2"
FOD 64	213	13	450	170	10	360	490 (19)	396 (16)	576 (23)	13.1 (28.9)	2 x 3/4"	3/4"
FOD 113	375	23	795	300	18	636	583 (23)	446 (18)	721 (28)	25.3 (55.7)	2 x 3/4"	3/4"
FOD 234	781	47	1655	625	37	1324	692 (27)	568 (22)	970 (38)	45.1 (99.4)	2 x 3/4"	3/4"
FOD 469	1563	94	3311	1250	75	2648	975 (38)	782 (31)	1000 (39)	86 (189.5)	2 x 3/4"	3/4"
FOD 938	3125	188	6621	2500	150	5296	975 (38)	1600 (63)	1000 (39)	171.9 (379.1)	2 x 3/4"	3/4"

Sizes above are available with Activated Carbon or Organoclay. Selection to be done based on each application.

Reference conditions:
Relative air humidity: 60%
Air inlet temperature: 25°C (77°F)
Running hours per day: 12 hrs
Effective working pressure: 7 bar (102 psi)

Correction factors:

Relative humidity	%	0.5	0.6	0.7	0.8	0.9		
	Correction factor	1.10	1.00	0.85	0.74	0.66		
Ambient temperature	°C	15	20	25	30	35	40	
	Correction factor	1.33	1.17	1.00	0.76	0.50	0.30	
Running hours per day	hrs	12	14	16	18	20	22	24
	Correction factor	1	0.86	0.75	0.67	0.6	0.55	0.5

Available options

- **Overflow indicator**
- **Manifold for multiple condensate inlet**
- **Wall mounting kit**
- **Spill Container**

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