WOSm SERIES
WATER - OIL SEPARATORS

operating temp. range	1,5 to 45°C
inlet connection	ø8

APPLICATIONS

- compressed air systems
- suitable for installation inside compressors
- compressed air dryers
- condensate separators
- pressure vessels

ADVANTAGES

- ✓ Quick and clean separator cartridge replacement.
- ✓ Easy installation due to compact design and small dimensions.

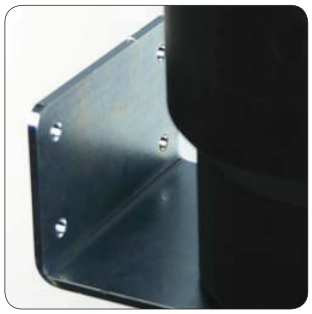
PATENTED

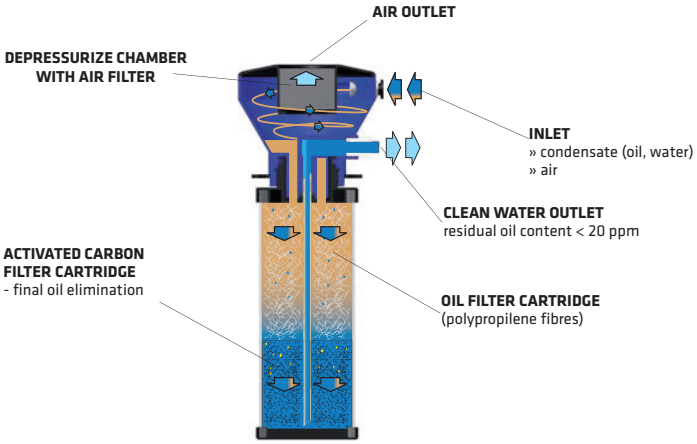
DESCRIPTION

WOSm water oil separators have been developed to separate lubricant oil from condensate generated in compressed air systems. Due to patented technology regular service can be done in 30 seconds without any cleaning.

Separation begins in “cyclonic depressurization chamber” and continues in “filter cartridge”. When the “filter cartridge” is fully saturated you just simply unscrew complete cartridge and replace it with new one.

All the condensate stays in old cartridge which can also be sealed with plastic cover and disposed according to local directives and laws.

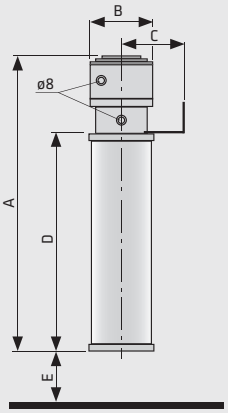




WOSm - TECHNICAL DATA

Operating temperature	1,5 - 45°C (max 65°C)[1]; 35 - 113°F (max. 149°F)[1]
Operating media	Condensate (air, water, oil); Non agresive; Not suitable for emulsion
Residual oil content	< 20ppm
Service interval	When first of following parametres appears:
	- 4000 operating hours of compressor [2]
	- 12 months regardless of compressor operating hours
	- when all white polypropylene media becomes yellow

Technical data		Cold climate zone 15°C 60%RH	Mild climate zone 25°C 60%RH	Hot climate zone 40°C 100%RH	Dimensions [mm] A	B	C	D	E
WOSm1	Max oil adsorption [g]	740	650	370	483	106	80	335	50
	Max FAD [Nm³/min]/[scfm]	1,23/43,05	1,08/37,8	0,62/21,9					
	Max condensate flow [l/h]	0,57	0,90	1,91					
WOSm2	Max oil adsorption [g]	1520	1340	770	816	106	80	670	50
	Max FAD [Nm³/min]/[scfm]	2,54/88,9	2,23/78,05	1,28/45,2					
	Max condensate flow [l/h]	1,19	1,87	3,96					



[1] Max. operating temperature is 65°C, but when temperature is over 45°C, performance may decrease.
[2] At compressor oil carryover 2,5mg/m³. Lower/higher oil carry over means proportionally longer/shorter lifetime (e.g. if oil carryover is 5 mg/m³ lifetime reduces to 2000 operating hours).