

WOSM

Condensate Separator

OIL-WATER CONDENSATE SEPARATOR

WOSm water oil separators have been specifically 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 into the 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 the old cartridge which can also be sealed with plastic cover and disposed according to local, state and federal laws.

Applications

Compressed air systems
Suitable for installation inside compressors

Technical Specifications

Operating Temperatures: 35 – 149 degrees F
Media Type: air, water, oil – non-aggressive, demulsifiable
Residual oil content: less than < 20ppm (parts per million)

Construction

Housing material: Pa6 30%Glass fiber (Aluminum)
Transparent part: Acryl
Fittings: Steel, Anodized
Sealing: NBR
Filter material: PP (polypropylene), Active carbon
Bonding: Polyurethane

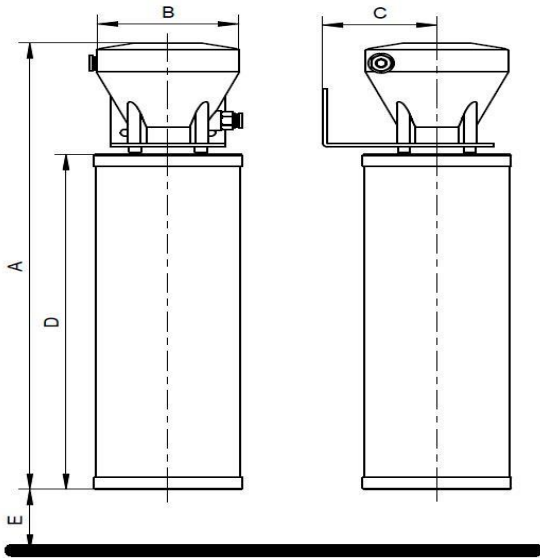


Product Data

| | |
|--|------------------------------|
| Model | WOSM |
| Max. Capacity of compressed air [scfm] | 78.0 |
| Hot climate zone (100°F, 100% Rh) | 43,75 |
| Max oil adsorption [ounces] | 47.26 oz |
| Max condensate flow [gallons/hour]: | 1.8 gallons per hour |
| Number of inlet connections: | 1 |
| Number of outlet connection: | 1 |
| Connection type: | Push-in fitting for hose 8mm |

DIMENSIONS

| | |
|------------|--------|
| A [inches] | 31.88" |
| B [inches] | 4.17" |
| C [inches] | 3.14" |
| D [inches] | 26.37" |
| E [inches] | 1.96" |



MAINTENANCE

It is recommended, that you do a check once per week to evaluate filter cartridge saturation. Filter cartridge must be replaced when first of the following parameters appears:

- 2000 operating hours of compressor*
- 12 months regardless compressor operating hours
- All polypropylene filling that is normally white becomes yellow due to adsorbed oil.
- During operation colored area (adsorbed oil) spreads from top of the cartridge to the bottom.

Replacement
Cartridge

