

## AL50 mini product sheet

### Product:

The Micfil AL50 mini filter 0,5 µm has been specially designed for the smaller engine market such as small generators, small trucks, taxi fleets and outboard engines etc.

With the AL50 mini we fill a space in the market for commercial and private use. The low price and easy maintenance along with the savings makes it an attractive new addition to our product range.

The Micfil AL50 mini has a maximum flow rate of 50 l/h for diesel, 70 l/h for gasoline and 10 l volume for engine oil (see data sheet). For engine oil you will need to use it as a bypass filter.



### Product features:

#### Features:

- Filtration down to 0.5 µm
- Moisture absorbent
- High flow rate
- Long filter life
- Easy to change inserts
- Space saving
- For use in pressure and negative pressure filtration
- Up to 10 bar pressure\*
- Eliminates about 98% of all bacteria\*\*



## Datasheet

<b>Particle size<sup>1</sup></b> (ISO 4406)	≤ 0,5 micron
<b>Housing material</b>	Aluminium Almg 4.5
<b>Height - over all</b>	115 mm
<b>Diameter at lid</b>	95 mm
<b>Diameter at bowl</b>	80.8 mm
<b>Weight</b>	757 g
<b>Weight - insert</b>	57 g
<b>Volume</b>	0.45 ltr
<b>Inlet/outlet connections</b>	1/4" id
<b>Max Pressure *</b>	10 bar
<b>Temperature range</b>	-20/100 C
<b>Differential pressure in fuel flow</b>	0.0 bar - 0.01 bar at full flow
<b>Flow rate – fuel <sup>2</sup> (diesel)</b>	Flow rate 50 ltr./h
<b>Flow rate – fuel <sup>2</sup> (benzine)</b>	Flow rate 70 ltr./h
<b>Tank capacity-</b>	
<b>Engine oil <sup>2</sup></b>	up to 10 ltr
<b>Hydraulic oil <sup>2</sup> (ISO VG 46)</b>	up to 30 ltr
<b>Gearbox oil <sup>2</sup></b>	up to 10 ltr
<b>Insert change interval</b>	
<b>Fuel</b>	100-150 hours
<b>Engine oil</b>	100-150 hours
<b>Hydraulic oil</b>	150 hours
<b>Gearbox oil</b>	150 hours
<b>Bio diesel</b>	80 hours
<b>Water absorbent</b>	yes

<sup>1</sup>The patented micfil ultra fine filter insert consists of a tear-resistant fiber mesh with woven in cellulose fibers of the highest quality. The filtration performance is down to 0,5 µm (microns).

<sup>2</sup>Two or more filters can be installed in line for increased flow rate/tank capacity.

\*Filters for 20 bar upon request.