

## Micfil Productsheet FB400/1200/7 FB400/900/7

### THE SOLUTION FOR YOUR CLIENT WITH BULK HIGHFLOW FUEL OR OIL

For large industrial applications and when large quantities of fluids need to be filtered in a short time, micfil Filters and Fuel Optimizing Systems now manufactures a range of bulk fluid filtration systems, both fixed and mobile.



### High Flow Delivery System for medium quantities of liquid

Point of use filtration ensures that the fluid going into use is free of contaminants down to 0.5µ and water that may have been picked up in storage or final transfer. With a minimum effect on flow, these filters will give high quality clean oil or fuel going into each application. This will give you maximum performance and eliminate system failures caused by fluid contamination.

**Eliminates bacterial contamination in fuel!**

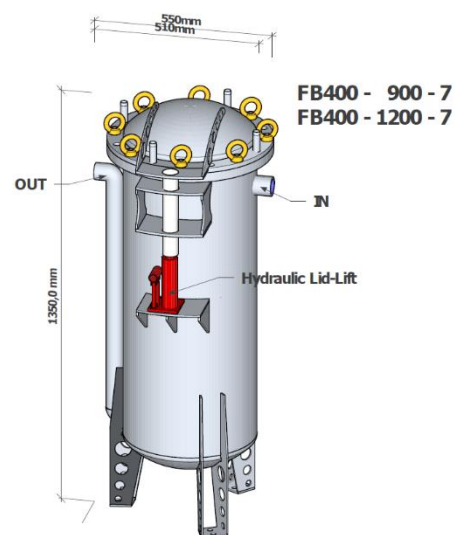


### Fixed systems are ideal for a number of applications including:

- Large ships engines, Genset fuel filters up to 16 000 ltr/hr or Engine oil bypass filtration in medium amounts up to 6000 ltr.
- Stern tube filtration,
- Large hydraulic systems.
- Bunkering services,
- refineries, fuel and oil distribution. Large steam turbine
- Fuel farms and storage installations, particularly in areas where fuel is routinely contaminated. On sites with large turn-over in fluids. Can be used in Bio oil and any Bio fuels.
- Ships, Ferries, Navy, Cruise ships, Tucks, Boats, Cargo ships, Mine sites with Storage tanks ,Transfer tanks. Haulage truck operators, Option Mobile application and many more

### Bulk Filtration for:

- Refineries, oil or fuel
- **Engine oil**
- Storage facilities
- Turbine Oil
- Ships
- Mines
- Fleet centers



SPECIFICATIONS FB 400 /1200/7 FB 400/900/7	
<b>Design:</b>	Micfil FB 400/1200/7 FB 400/ 900/7
<b>Pressure:</b>	Up to 10 bar
<b>Pressure gauges :</b>	IN/OUT direct reading
<b>Design Temperature:</b>	Up to 350° C -for housing in case of use for thermo oil
<b>Flow rates at Engine Oil Temp: 90 C +</b>	FB 400/1200: up to 8000 ltr/hr FB 400/900 6000 ltr/hr
<b>Fuel flow rate per Hr.</b>	FB 400/1200 max 16800 ltr/hr FB 400/900 max 12600 ltr/hr
<b>MATERIALS OF CONSTRUCTION:</b>	
<b>Vessel:</b>	Stainless Steel 316
<b>Hight / Diameter</b>	FB 400/1200/7 1615 x 505mm FB 400/900/7 1350 x 505mm
<b>Internals:</b>	Stainless Steel 316
<b>Seals:</b>	Standard flat
<b>Inlet &amp; Outlet Ports:</b>	3" Flange rated for pressure
<b>Exterior Finish:</b>	Acid washed /blank
<b>Cover lift:</b>	Mechanical
<b>Certification:</b>	TUV Germany, Bureau Veritas- on request
<b>Tools included:</b>	To open lid - # 36 8x Ring nut hydraulic lid lift
<b>MICFIL FILTER INSERTS:</b>	
<b>Material:</b>	Patented Tear resistant fiber mesh material
<b>Insert Diameter:</b>	113 mm
<b>Insert Length:</b>	1200mm 900mm
<b>Water retention:</b>	yes
<b>Dirt holding capacity:</b>	FE 1200 3000 gr FE 900 2400 gr
<b>Nominal rating:</b>	FE 1200 / FE 900 0.5 micron
<b>Beta value:</b>	202/206/245/257
<b>ISO:</b>	FE 16/11/12 single/multi filtration down to approx. 11/10/8
<b>Capture efficiency:</b>	99,50%
<b>OPTIONAL FEATURES:</b>	
<b>Vessel:</b>	316 Stainless Steel
<b>Internals:</b>	316 Stainless Steel
<b>Seals:</b>	Flat seal
<b>others on request</b>	
<b>High pressure rating:</b>	Higher pressure ratings are available upon request
<b>Sensor:</b>	Permanent sensor for fuel condition analysis can be installed!

