

Comparison of fuel oil filters

Paper filters

- Optimum ultra-fine filtration
- Specially for small and very small burner capacities
- Preferably for single-line mode



Opticlean MS-5/MC-7 ultra-fine filter
 Optimum filter surface due to folded paper filter.

Mesh size

- 20–35 µm (MS-5)
- 5–20 µm (MC-7)

Filter surface: 500 cm² (MS-5)
 700 cm² (MC-7)

Opticlean MC-18 ultra-fine filter
 Optimum filter effectiveness and long service life.

Mesh size: 5–20 µm
 Filter surface: 1,850 cm²

Can be used with long filter cup.

Replaceable filter cartridge
 Excellent filtration. Also suitable for pressure mode and temperatures of up to 80 °C.

Mesh size: 12–30 µm
 Filter surface: 967 cm²

Can be used for all AFRISO filter types with additional adapter.

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Sintered plastic sieves

- Excellent filtration
- For small and medium burner capacities
- Suitable for single- and dual-line mode
- Suitable for almost all standard filter combinations.



Sintered plastic sieve, short
 Star shape for large filter surface.

Colour code: Blue
 Mesh size: 50–70 µm
 Filter surface: 115 cm²

Optimum replacement characteristics: Filter base does not swell

Sintered plastic sieve Optimum
 Excellent filtration and long service life.

Colour code: Blue
 Mesh size: 50–70 µm
 Filter surface: 200 cm²

Can be used with long filter cup, preferably for single-line mode.

Filter cup Optimum
 Extra long filter cup provides for sedimentation volume and space for all standard, long filter inserts.

Version with drain system

- Removing the oil from the oil filter quickly
- No oil odour caused by oil dripping

Felt and Stainless steel sieve

- Proven filtration technology



Felt sieve with internal tubular sieve
 For medium and high burner capacities. Suitable for single- and dual-line mode.

Mesh size: 50–75 µm
 Filter surface: 15.3 cm² below the felt rings

Disadvantage: Filter fibres may come loose and get into the burner nozzles.

Stainless steel sieve
 Good filtration, pollution visible. For medium and high burner capacities. Suitable for single- and dual-line mode.

Mesh size: 100 µm
 Filter surface: 48 cm²

Spare parts for filters

DG: G	Description	PG			Part no.	Price €	
	Opticlean MC-7 * Ultra-fine filter 5–20 µm, short, filter surface: 700 cm ²	1	1	240	20319		
	Opticlean MC-18 * Ultra-fine filter 5–20 µm, long, filter surface: 1,850 cm ²	1	1	120	20318		
	Opticlean MS-5 * Ultra-fine filter 20–35 µm, short, filter surface: 500 cm ²	1	-	25	20308		
	Replaceable filter cartridge Mesh size: 12–30 µm, filter surface: 967 cm ²	3	1	-	70010		
	Adapter replaceable filter cartridge to AFRISO filter	1	1	-	70020		
	Sintered plastic sieve short, 50–70 µm blue Filter base ABS white, engraving "Made in Germany" Box of 25 pieces	1	-	25	20038		
	Sintered plastic sieve short, 50–70 µm blue Filter base ABS white, engraving "Made in Germany" Box of 100 pieces	1	-	100	20045		
	Sintered plastic sieve Optimum, 50–70 µm blue Filter base ABS white, engraving "Made in Germany"	1	1	-	20053		
	Felt sieve Individually packed in re-sealable bag, in box of 25 pieces	1	-	25	20034		
	Stainless steel sieve 100 µm Box of 250 pieces	1	1	250	20032		
	Filter cup short Plastic, for suction mode	Standard	1	1	10	20254	
		With drain system and transparent drain hose Ø 6 x 500 mm	1	1	-	20257	
	Filter cup Optimum Plastic, for suction mode	Standard	1	1	10	20258	
		With drain system and transparent drain hose Ø 6 x 500 mm	1	1	-	20262	
	Filter cup, brass for pressure mode, without union nut	1	1	-	20261		
	O ring For filter cup	1	-	10	20422		
	Service box Optimum in cardboard box, 4 x o rings (part no. 20422) and part no. 20053, 20258	1	1	-	20260		

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* The filter surface of **Opticlean ultra-fine filters** is up to 37 times greater than that of conventional filter inserts; they excel with an extremely high degree of filtration. Filter fineness of nominal 5 µm (absolute 20 µm) separation are possible.

Even the smallest drops of water and emulsion are retained with high reliability. Opticlean filter cartridges can be used in any standard fuel oil filter, they are metal-free and can be recycled in an environmentally protective way.