

По вопросам продаж и поддержки обращайтесь:

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Казань (843)206-01-48	Новосибирск (383)227-86-73	Сургут (3462)77-98-35	
Россия +7(495)268-04-70	Киргизия +996(312)-96-26-47	Казахстан +7(7172)727-132	

Strainer filter stainless steel

For diesel and gasoline. Impurity filtration. Filter capacity 60µm. Flow rate 50 l/min.



ES Filter

For diesel and gasoline. Water absorption and impurity filtration. Filter capacity 10µm. Flow rate 70 l/min.



Filter Water captor 70

For diesel and gasoline. Water absorption and impurity filtration. Filter capacity 30µm. Flow rate 70 l/min.



Accessories



Carrytank CTK 900 100

Polyethylene tank for the combined transport of diesel fuel (900 litres) and AdBlue®/DEF (100 litres)



Carrytank CTK 900

Polyethylene tank for the transport of diesel fuel (900 litres)

Avio Filter FLTVF31

For diesel and gasoline. Water absorption and impurity filtration. Filter capacity 10µm. Flow rate 90 l/min.



Filter Clearcaptor 70

For diesel. Water absorption and impurity filtration. Filter capacity 30µm.
Flow rate 70 l/min



Cartridge filter with transparent container and removable inner cartridge can be applied on both suction and delivery. They are available with water absorbing cartridge. The amount of impurities or water present are immediately visible in the transparent container. Any water or impurities are cleaned out by a valve set in the bottom of the container.

Filter Water captor 150

For diesel and gasoline. Water absorption and impurity filtration. Filter capacity 30µm. Flow rate 150 l/min.



Filter Acquasorb F98

For diesel and gasoline. Water absorption and impurity filtration. Filter capacity 10µm. Flow rate 90 l/min.



Filter Clearcaptor 100

For diesel. Water absorption and impurity filtration. Filter capacity 5 μ m.
Flow rate 100 l/min.



Cartridge filter with transparent container and removable inner cartridge can be applied on both suction and delivery. They are available with water absorbing cartridge. The amount of impurities or water present are immediately visible in the transparent container. Any water or impurities are cleaned out by a valve set in the bottom of the container.

Diesel Filters

Diesel Fuel Filters.



The filters for diesel fuel can be divided into two sections: removal of the water present in the diesel fuel and filtering of solid contaminants.

Model ES-FILTER (images 01-02-03):

Emiliana Serbatoi developed its own fuel filter kit called ES-FILTER. Designed to efficiently remove water from fuel; compatible with Diesel, Gasoline / Petrol and Ethanol. ES-FILTER is a cartridge filter with transparent container and removable inner cartridge. It is designed to efficiently separate water from fuel. The amount of water and impurities present is immediately visible in the transparent bowl and can be efficiently cleaned out by a valve set in the bottom of the container.

Characteristics:

- Inlet/Outlet: 1".
- Max flow rate: 70 l/min.
- Operating pressure: 5 bar.

- Dimensions: 110 head / 245 height / 90 diameter (mm).
- Operating temperature: $-25 \div 110^{\circ}\text{C}$.
- Filtering capacity: 10µm 5µm impurities.

The packaging includes:

- No.1 Filter head with 1" connections.
- No.1 Transparent container with bottom drainage valve.
- No.2 Cartridge clear for Water / Dirt.
- No.1 Gasket (head – transparent bowl filter).

Model ES-BASIC FILTER water separator (image 08):

The delivery filter is a water-absorbing cartridge.

Characteristics:

- Inlet/Outlet: 1".
- Flow rate: 70 l/min.
- Pressure max: 4 bar.
- Dimensions: 97 head / 192 height / 95 diameter (mm).
- Operating temperature: $-25 \div 110^{\circ}\text{C}$.
- Micro rating: 30 µm

Model ES-BASIC FILTER to remove impurities (images 09):

The delivery filter is a removing-impurities cartridge.

Characteristics:

- Inlet/Outlet: 1 1/4".
- Flow rate: 50 l/min.
- Pressure max: 12 bar.
- Dimensions: 133 head / 181 height / 129 diameter (mm).
- Operating temperature: $-25 \div 110^{\circ}\text{C}$.
- Micro rating: 25 µm

Model ES-MINI FILTER for Carrytank e Emilcaddy (image 17):

The delivery filter is a removing-impurities cartridge.

Characteristics:

- Inlet/Outlet: 1/2".

- Flow rate: 50 l/min.
- Pressure max: 2 bar.
- Dimensions: 81 head / 85 height / 81 diameter (mm).
- Operating temperature: -10 ÷ 50°C.
- Micro rating: 60 µm

Model CLEAR CAPTOR:

Clear Captor - cartridge filter: Cartridge filter with transparent container and removable inner cartridge can be applied on both suction and delivery. They are available with water absorbing cartridge or with micro-filter cartridge. The amount of impurities or water present are immediately visible in the transparent container. Any water or impurities are cleaned out by a valve set in the bottom of the container.

• **Clear Captor filter with water absorbing (images 04-05):**

Characteristics:

- Inlet/Outlet: 1".
- Micro rating: 30 µm.
- Flow rate: 70 l/min.
- Operating temperature -25 ÷ 110°C.
- Dimensions: 171 head / 270 height / 100 diameter (mm).
- Pressure max: 5 bar.

• **Clear Captor micro-filter (images 04-06):**

Characteristics:

- Inlet/Outlet: 1".
- Dimensions: 171 length / 100 width / 270 height (mm).
- Micro rating: 5 µm
- Flow rate: 100 l/min
- Pressure max: 5 bar

Model WATER CAPTOR (image 07):

Oil/water separating filter (to remove solids and water).

The delivery filter is a water-absorbing cartridge. This provides extra protection for engines that are refuelled at the station.

These filters separate and absorb any water that may be found in the diesel fuel.

The absorption of water gradually reduces the filtering capacity and increases the head loss caused by the filter. The filter must be replaced when it becomes saturated.

Characteristics:

- Inlet/Outlet: 1".
- Filtering capacity 30 μm .
- Dimensions: 171 head / 340 height / 120 diameter (mm).
- Flow rate: from 70 up to 150 l/min.
- Operating pressure: 3.5 bar.
- Bursting pressure: 10 bar

BYPASS FILTER (OR FALSE FILTER) (image 13):

Cartridge filter with 3/4" fitting without filter parts.

FOOT AND INLINE FILTER:

Wire mesh bottom filter (for suction - image 10) and regenerable wire mesh line-filter (for suction or delivery - images 11-12).

Бактерицидные кондиционеры

Решения для обеззараживания топлива



Fuel Filtration Systems

Advanced fuel filtration systems



Emiliana Serbatoi can offer a wide range of versatile and superior filtration systems designed for use with several different high performance filter cartridges in several applications.

We can provide filtration systems for Diesel Fuel, Biodiesel, Gasoline and Aviation Fuels as per customer specifications up to complex and technically challenging projects, including conceptual design.

Filtration Concepts:

- **Micro-filtration;** design to effectively and continuously **remove solid containments** such as rust, dirt, scale, granular and other solid impurities from fuel. They are available **in 0,5 to 25 microns**. These filters are designed for easy servicing and low maintenance.
- **Monitor (absorptive) filters;** these systems **filter out water** by chemically locking it into layers of super-absorbent media. These cartridges also effectively filter out dirt, rust and other particulates. As fuel flows from the outside of the cartridge to the inside, the special water absorbent medium

retains water, and the pleats expand. As the maximum water holding capacity is reached, there is a reduction in flow. The cartridge slows, then stops the flow of product as it reaches maximum capacity. This indicates that the cartridge is ready to be changed, assuring a clean and filtered product. These systems can absorb highly emulsified water **from 50 ppm to less than 5 ppm** (depending on the applications and requirements).

- **Coalescer-Separator filters;** these coalescer and separator systems are installed to remove water and dirt from fuel. The fuel passes from the outside to the inside through the coalescer. Dirt is filtered out of the fuel and free/emulsified water in fuel is coalesced. The coalesced water droplets, which form on the inside of the coalescer, are repelled from going further downstream by the separator. The water settles down to the sump where it is manually drained. These systems can remove water **from 50 ppm to less than 5 ppm** (depending on the applications and requirements).

Technical Specifications:

- **Housings:** made in carbon steel, aluminum or stainless steel; all carbon steel vessels are epoxy coated internally and externally.
- **Gaskets:** Buna-N or Viton.
- **Flow rate:** from 55 Lpm to 2000 Lpm

Accessories and options:

- Differential pressure gauges - cartridge change indicators.
- Automatic air eliminators
- Manual drain valves
- Pressure relief valves
- Sight glasses

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