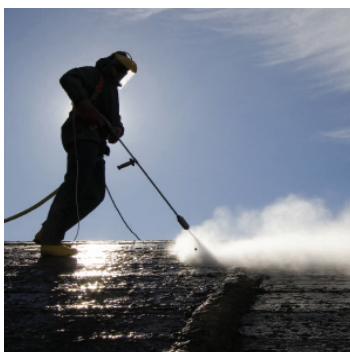




aerospace  
climate control  
electromechanical  
**filtration**  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding



# SNAPP Mobile Fuel Filter

Racor Filter Division Europe



ENGINEERING YOUR SUCCESS.

Now, getting the fuel filtration you need ...  
**in a SNAPP.**



## **SNAPP.** The fuel filter change that changes everything.

The world turns to Racor for filtration solutions that provide ultimate protection from water and solid contamination. This is filtration that includes two innovations often copied but never quite duplicated – the powerful protection of patented, world-class Aquabloc® filter media, the Racor brand and a clear bowl that allows for quick and easy inspection of fuel system integrity.

**Fast, easy, clean, SNAPP is a fuel filter change for the better**

SNAPP is big protection for small engines up to 140 hp or 26 gph and makes every filter change literally a snap. Fast, easy, clean. No tools are needed – when it's time for service, simply snap in a new filter. Simple installation and a patented priming system mean that protecting your engine investment is now ... a SNAPP.

# Mighty small. Small but mighty.

For diesel and biodiesel; at just 4" x 8", SNAPP fits anywhere, protects everywhere.

Forget multi piece filters with glass bowls. Forget messy change-outs. SNAPP is a one piece fuel filter separator that is fast and effortless to service.

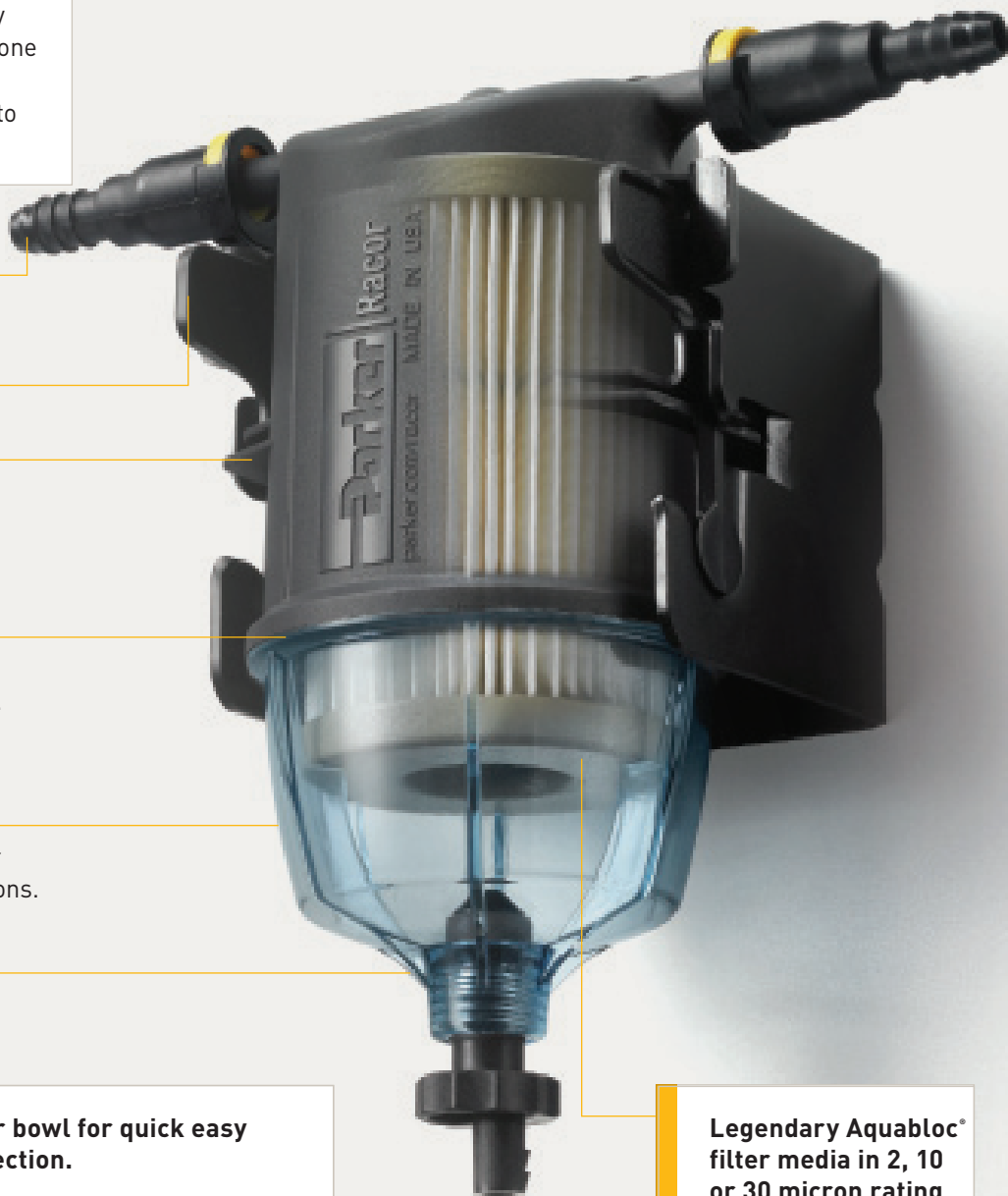
Quick connect fittings for fast, confident connections.

Quick release squeeze tabs make filter changes a snap.

Permanent mounting bracket is electrostatically coated steel for withstanding corrosive environments.

SNAPP is a one piece fuel filter water separator for 24/7 protection, even with biodiesel.

Heavy duty high impact nylon construction won't ever rust or corrode, even in humid conditions.



## Clear bowl for quick easy inspection.

The rugged clear bowl allows immediate inspection for water in fuel – a significant advantage when troubleshooting fuel quality.

The Racor self-venting drain means easy service with no mess – twist, drain, done.

## Legendary Aquabloc® filter media in 2, 10 or 30 micron rating.

The Aquabloc® media is the world's definitive filtration protection – it's 99% effective in separating water and solid contamination from diesel and biodiesel.

# AQUABLOC ENGINEERED MEDIA

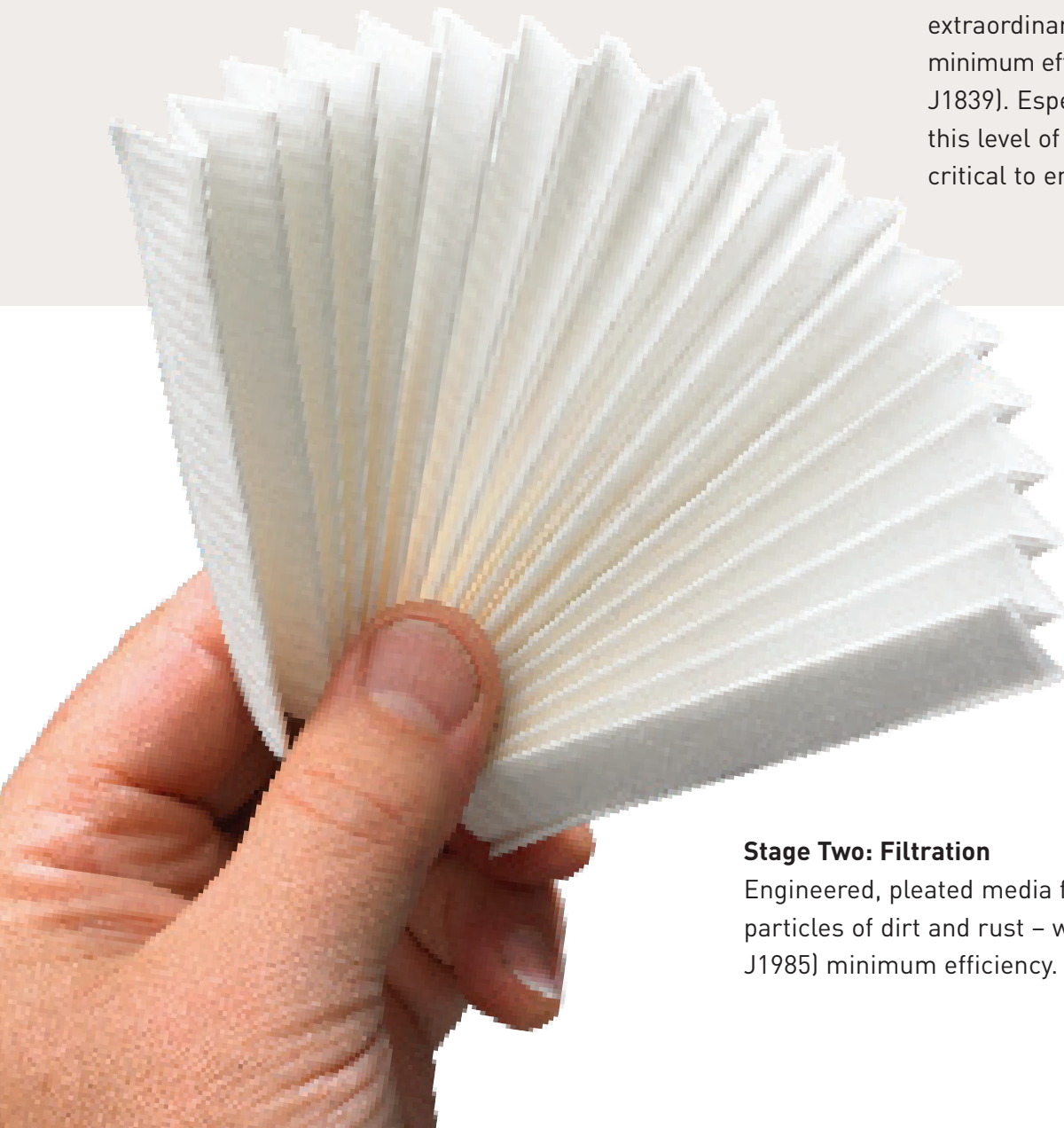
## The Heart & Soul of Ultimate Engine Protection

Sensitive diesel fuel injection systems demand virtually flawless removal of damaging water and solid contamination. Yet, fuel additives to diesel and biodiesel have made separation of harmful liquid and solid particulates more challenging than ever. The SNAPP integrated fuel filter water separator is a filtration system that is 99% efficient – for complete injector protection.

### **Stage One: Coalescing**

Water droplets coalesce on the outside of a chemically treated composite media. As the droplets grow in size, being heavier than fuel, they fall into the collection bowl to be drained away.

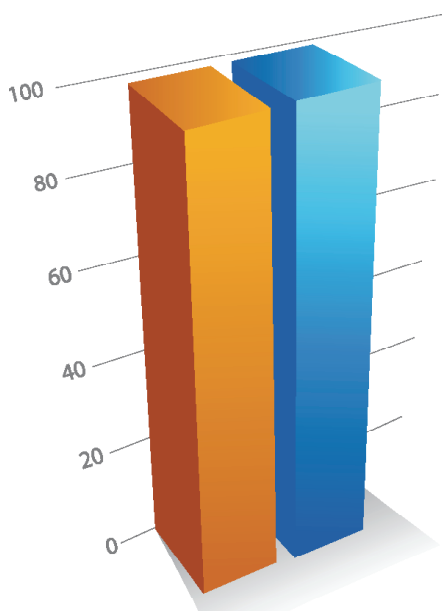
Importantly, the massive surface area of the pleated media helps to slow fuel velocity, enabling extraordinary water removal to a minimum efficiency of +99% (SAE J1839). Especially with biofuels, this level of water removal is critical to engine protection.



### **Stage Two: Filtration**

Engineered, pleated media filters microscopic particles of dirt and rust – with 99% (SAE J1985) minimum efficiency.

The ultra high efficiency Aquabloc media is an engineered blend of distinct media formulations – high grade cellulose compounded with engineered fibers and chemical treatments proven to repel water.



**+99%** water removal efficiency (SAE J1839)

**+99%** particle efficiency (SAE J1985)



Aquabloc Composite Filter Media with Low Flow Restriction

- Ultra high capacity means less frequent filter changes, boosting operating economy.
- The Aquabloc media is both corrugated and pleated to present a massive effective filtration surface area. This design innovation slows fuel velocity to improve coalescing and filtration efficiency.
- The high dirt holding capacity Aquabloc media helps to dramatically extend the life of final stage on engine filters, and reduce the overall cost of the filtration program.
- Aquabloc cartridge filter elements are available in 2, 10, 30 micron ratings for diesel and B-20 bio-blends, so that protection can be tailored to fuel quality, operating environments and service schedules.[www.schedules.ww](http://www.schedules.ww)



# SNAPP

The Fastest, Cleanest Fuel Filter Change  
On Earth. No Tools, No Mess, No Fuss.

## EASY TO INSTALL AND SERVICE



SNAPP can be installed anywhere in the fuel line between tank and engine, in the engine compartment or on a frame rail.



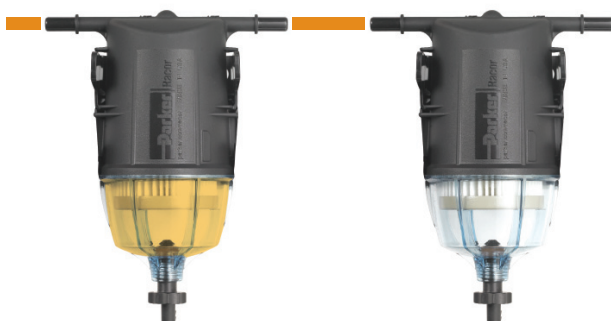
Snap in a new filter;  
just squeeze tabs  
to remove.



Quick connect couplings  
speed installation  
and service.

## EASY TO PRIME

Disconnect fuel lines;  
snap out the old and  
snap in the new filter



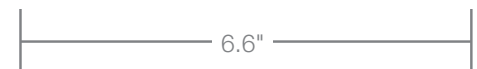
Flip up the old filter;  
open the drain to prime  
the new; remove and  
reconnect.

**SNAPP. You're done.**

Wherever small diesel and biodiesel engines need big protection. Wherever time is money.



Only 2.5" clearance for service allows for tight mounting



SNAPP fuel filter water separators are packaged for a first installation with mounting bracket and quick connect fittings. The replacement kit includes a new SNAPP filter and priming accessory.

NOTE: Kits include Aquabloc media in 2, 10 or 30 micron ratings. Two micron is recommended for ultra-fine filtration of solid contaminants.

Specifications	
Maximum Flow Rate	26 gph (100 lph)
Horsepower Range	up to 140 hp
Aquabloc Micron Rating	2, 10, or 30 micron
Height	7.8" (198 mm)
Width	3.8" (97 mm) at bracket
Depth	4.1" (104 mm)
Water Sump Capacity	3.4 oz. (100 ml)
Body Material	Nylon 6 plastic
Bracket Material	Coated Steel
Port Size	3/8" (9.5 mm)
Quick-Connect Fittings	3/8" (9.5 mm) (per SAE J2044)
Rated Pressure	50 PSI (3.5 bar)
Water Removal Efficiency	99%
Rated Temperature Range	-20° to 150°F (-29° to 66°C)

Mobile SNAPP First Fit Assembly	Mobile SNAPP Replacements
23106-02	R23107-02
23106-10	R23107-10
23106-30	R23107-30

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