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SNAPP™

The One-Piece, High-Performance
 Snap-In Fuel Filter Water Separator



ENGINEERING YOUR SUCCESS.

Now, getting the fuel filtration you need ...
is 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 and, the Racor trademark, a clear bowl that allows for at-a-glance 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 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 E10 gasoline, diesel & bio-diesel 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 stainless steel for withstanding corrosive environments.

SNAPP is a one-piece fuel filter water separator for 24/7 protection, even with E10 gasoline and bio-diesel.

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

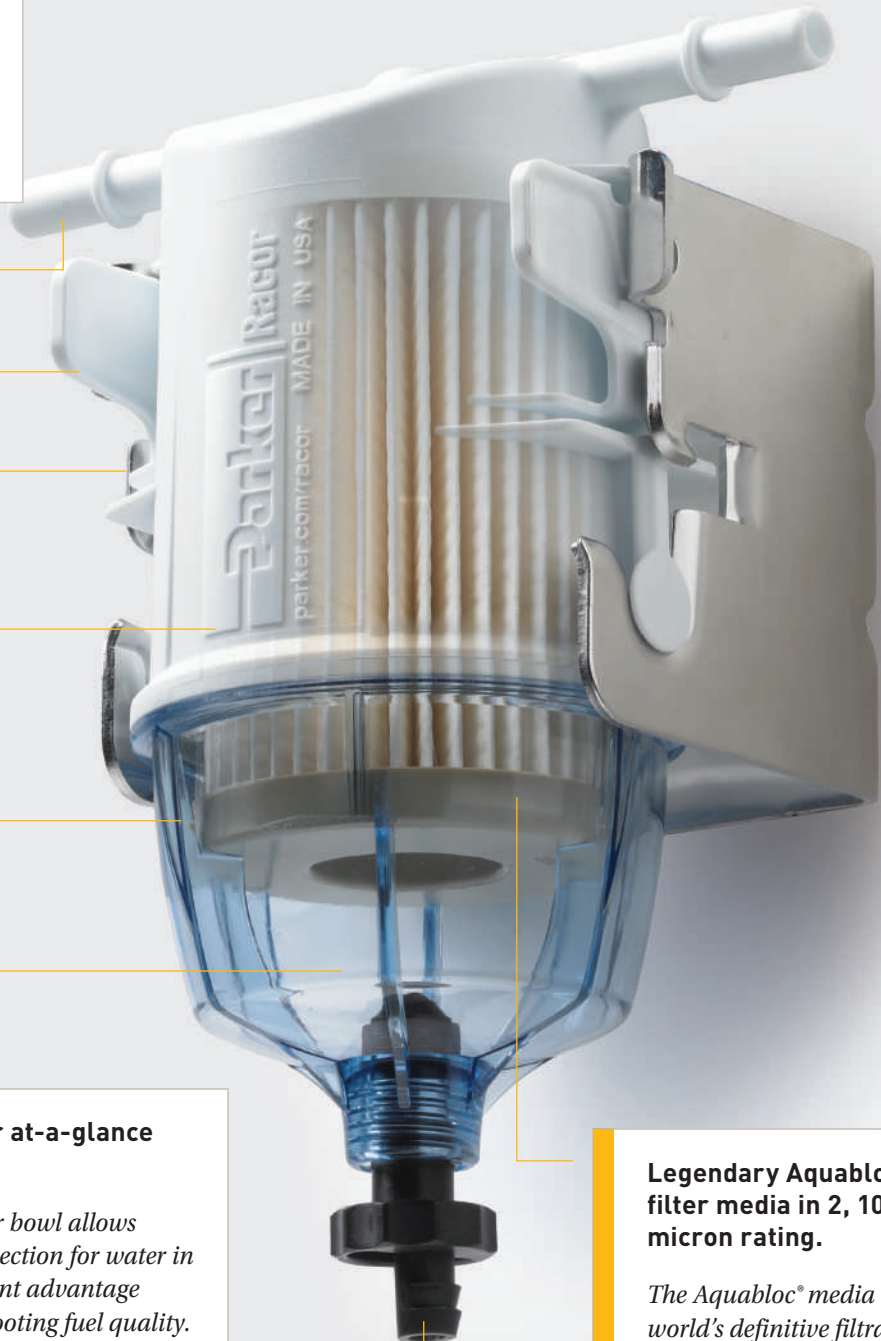
Clear bowl for at-a-glance inspection.

The rugged clear bowl allows on-the-spot inspection for water in fuel - a significant advantage when troubleshooting fuel quality.

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 bio-diesel.

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



AQUABLOC ENGINEERED MEDIA

The Heart & Soul of Ultimate Engine Protection

Sensitive diesel fuel injection systems demand precise removal of damaging water and solid contamination. Yet, fuel additives to diesel and bio-diesel 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.

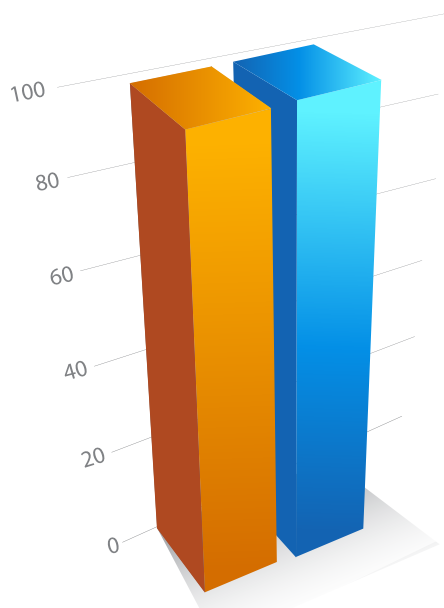
Importantly, the massive surface area of the pleated media helps to slow fuel velocity, enabling extraordinary water removal minimum efficiency of +99% (SAE J1839). Especially with biofuels, this level of water removal is critical to engine protection.



Stage Two: Filtration

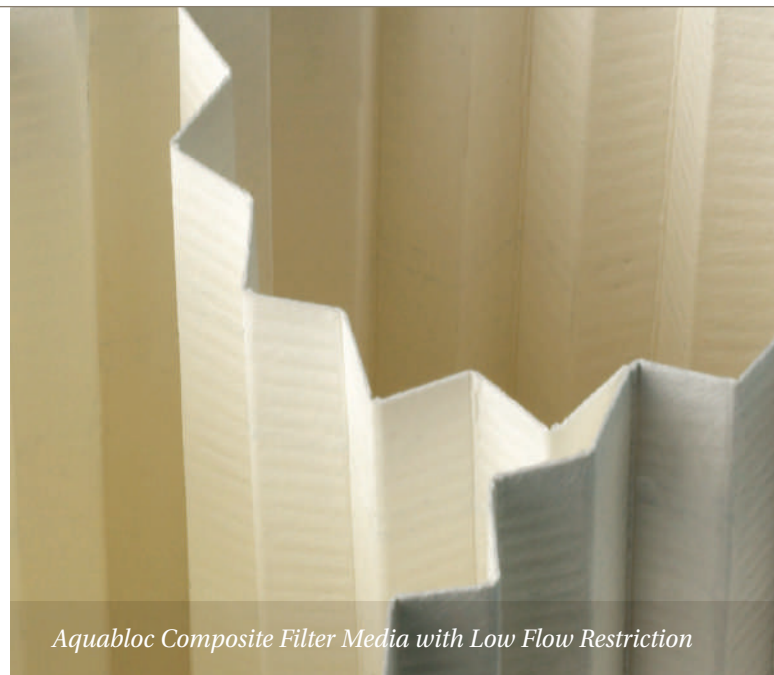
Engineered, pleated media filters microscopic particles of dirt and rust – with 99% (SAE J1985) minimum efficiency.

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, tested with ULSD (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 high capacity 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, B-20 bio-blends, gasoline and E10, so that protection can be tailored to fuel quality, operating environments and service schedules.

SNAPP

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

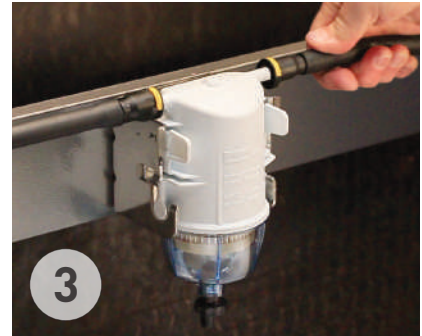
EASY TO INSTALL AND SERVICE



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



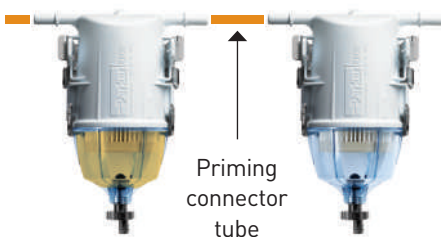
Snap in a new filter; just squeeze tabs to remove.



Quick-connect couplings speed installation and service.

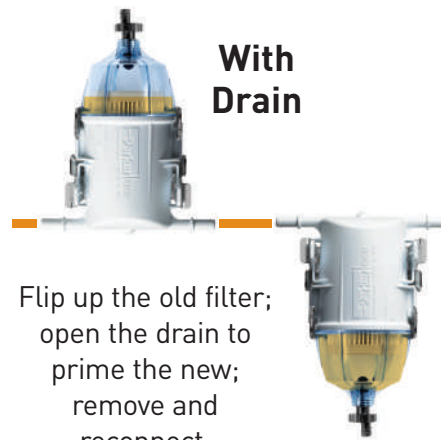
EASY TO PRIME

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



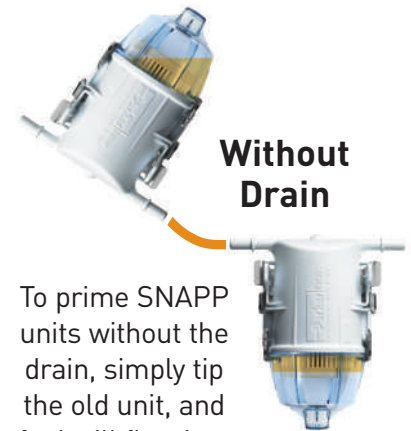
With Drain

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

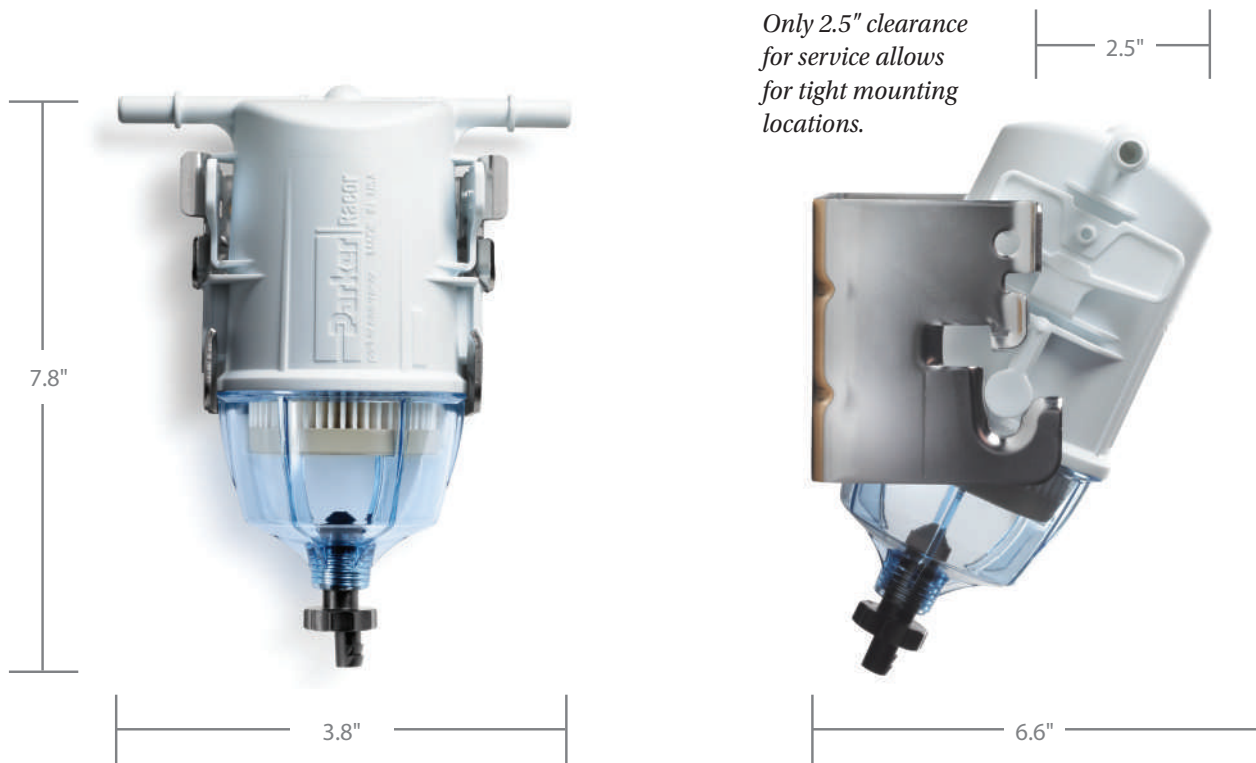


Without Drain

To prime SNAPP units without the drain, simply tip the old unit, and fuel will flow into the new filter.



Wherever small gasoline, diesel and bio-diesel engines need big protection. Wherever time is money.



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)
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	Stainless 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)

Part #	Description
23281-02	Fuel Filter Assy with Bracket – Marine -02
23281-10	Fuel Filter Assy with Bracket – Marine -10
23281-30	Fuel Filter Assy with Bracket – Marine -30
R23280-02	Fuel Filter Assy – Marine Service -02
R23280-10	Fuel Filter Assy – Marine Service -10
R23280-30	Fuel Filter Assy – Marine Service -30
23299-02	Fuel Filter Assy with Bracket – Marine with Drain -02
23299-10	Fuel Filter Assy with Bracket – Marine with Drain -10
23299-30	Fuel Filter Assy with Bracket – Marine with Drain -30
R23298-02	Fuel Filter Assy – Marine Service with Drain -02
R23298-10	Fuel Filter Assy – Marine Service with Drain -10
R23298-30	Fuel Filter Assy – Marine Service with Drain -30

Worldwide Filtration Manufacturing Locations

North America

Compressed Air Treatment

Filtration & Separation/Balston
Haverhill, MA
978 858 0505
www.parker.com/balston

Filtration & Separation/Finite
Oxford, MI
248 628 6400
www.parker.com/finitefilter

Purification, Dehydration &
Filtration Division
Lancaster, NY
716 685 4040
www.parker.com/pdf

Sales Office
Charlotte, NC
704 921 9303
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Engine Filtration & Water Purification

Racor
Modesto, CA
209 521 7860
www.parker.com/racor

Racor
Holly Springs, MS
662 252 2656
www.parker.com/racor

Racor
Beaufort, SC
843 846 3200
www.parker.com/racor

Racor – Village Marine Tec.
Gardena, CA
310 516 9911
www.desalination.parker.com

Hydraulic Filtration

Hydraulic Filter
Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Process Filtration

Process Advanced Filtration
Oxnard, CA
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Brochure RSL0154 Rev 01/14

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