



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



⚠ WARNING: The products described in this catalog can expose you to chemicals including Diisononyl phthalate, Carbon black, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SNAPP™

The One-Piece, High-Performance
 Snap-In Fuel Filter Water Separator
 For Marine and Mobile Applications



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® Synergy 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 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 and bio-diesel applications - At just 4" x 8", SNAPP fits anywhere, protects everywhere.

SNAPP is a one-piece fuel filter water separator that is tool-free and fast to service.

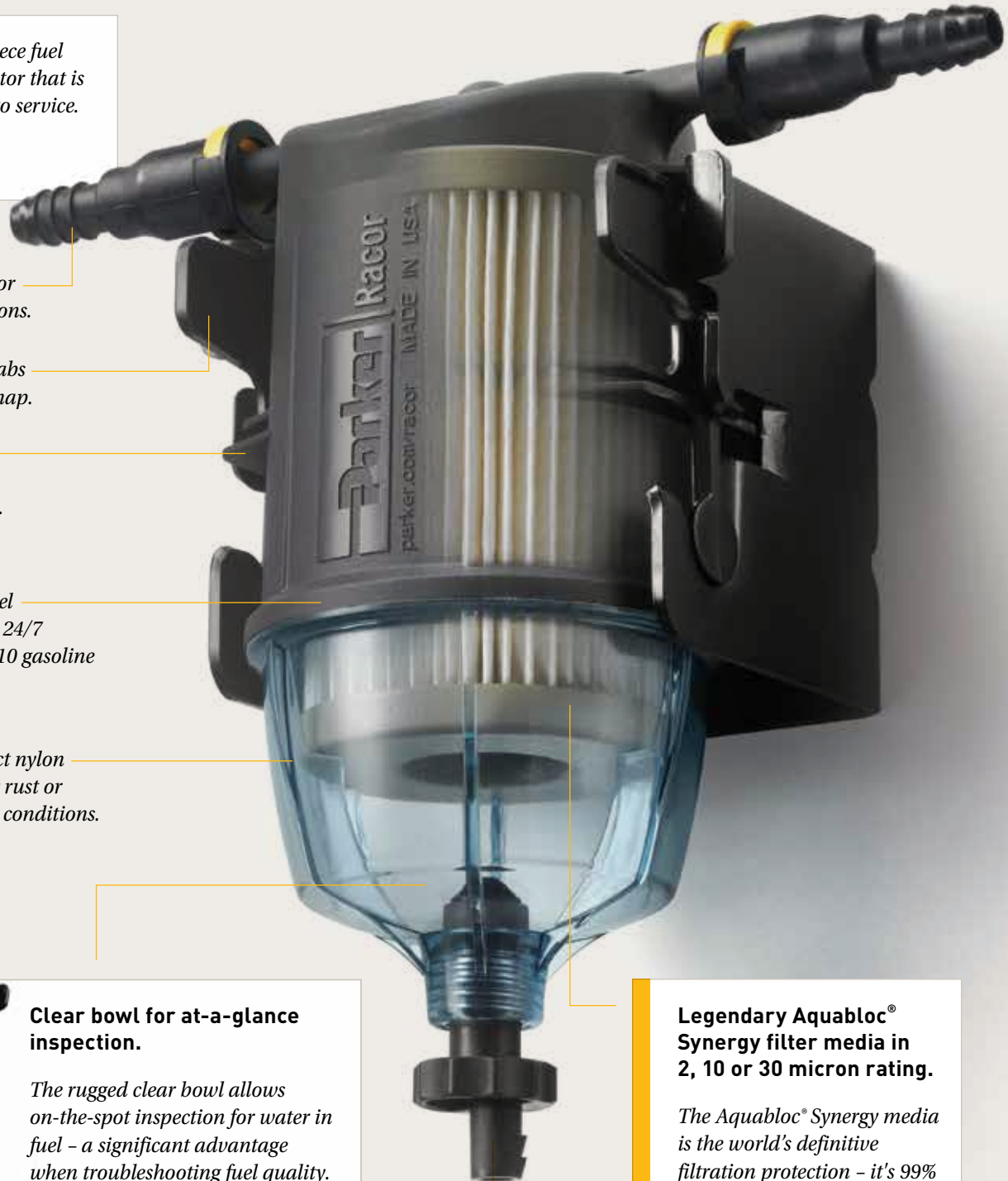
Quick-connect fittings for fast, confident connections.

Quick-release squeeze tabs make filter changes a snap.

Permanent mounting bracket withstands 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® Synergy filter media in 2, 10 or 30 micron rating.

The Aquabloc® Synergy 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.

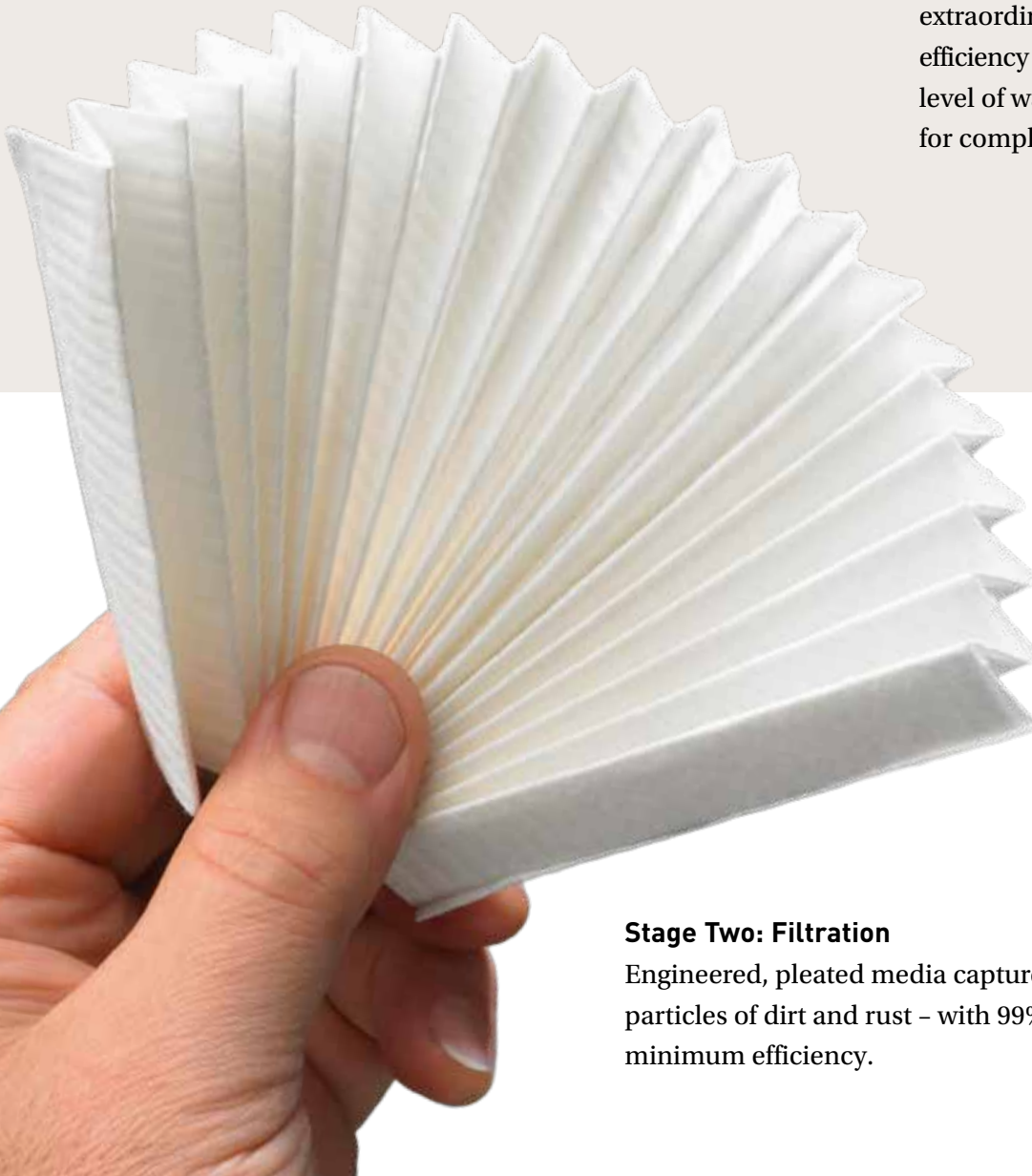
AQUABLOC SYNERGY ENGINEERED MEDIA

The Heart & Soul of Ultimate Engine Protection

Sensitive diesel fuel injection systems demand complete removal of damaging water and solid contamination. Yet, diesel fuel additives and bio-diesel have made separation of water and solid particulates more challenging than ever. The SNAPP integrated fuel-filter water-separator is a filtration system that is 99% efficient.

Stage One: Coalescing

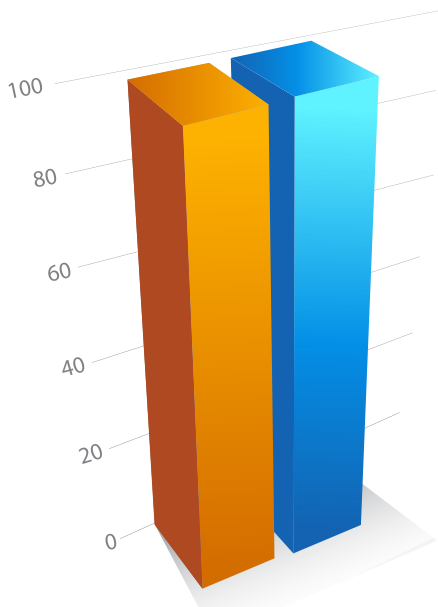
Water droplets coalesce on the upstream of a chemically-treated composite media. As the droplets grow in size, and being heavier than fuel, they fall into the collection bowl to be drained away. Importantly, the large surface area of the pleated media lowers the fuel face velocity, enabling an extraordinary water removal efficiency of +99% (SAE J1839). This level of water removal is essential for complete engine protection.



Stage Two: Filtration

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

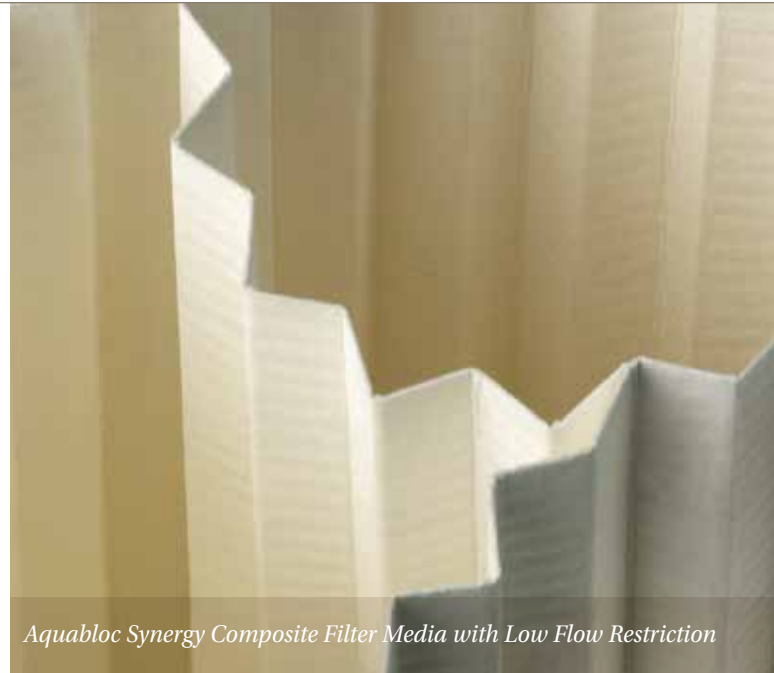
The ultra-high-efficiency Aquabloc Synergy media is an engineered blend of distinct media formulations – high-grade cellulose compounded with engineered fibers and chemical treatments proven to repel water.



+99% water removal efficiency (SAE J1839)

+99% particle efficiency (SAE J1985)

Fuel Flow Specifications		
M MICRON	G GASOLINE	D DIESEL
2	40 GPH	26 GPH
10	34 GPH	26 GPH
30	26 GPH	26 GPH



Aquabloc Synergy Composite Filter Media with Low Flow Restriction

- Ultra-high capacity means less frequent filter changes, boosting operating economy.
- The Aquabloc Synergy media is both corrugated and pleated to greatly increase the effective filtration surface area. More surface area lowers fuel face velocity, improving coalescing and filtration efficiency.
- The high-dirt-holding-capacity Aquabloc Synergy media helps to dramatically extend the life of final-stage on-engine filters, and reduce the overall cost of filtration service.
- Aquabloc Synergy 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.

SNAPP OPTIONS

Black Body
Coated Steel Bracket



White Body
Stainless Steel Bracket



EASY TO INSTALL



SNAPP is installed in the fuel line between tank and engine. In marine applications, for outboard use only.



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



Quick-connect couplings speed installation and service.



Specifications	
Maximum Flow Rate	40 gph (151 lph)
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 or 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)

*Up to 40 gph for gasoline 2 micron filters.

SNAPP Fittings



Part #	Description	End Form	Hose Barb	Hose ID	# of Units
RK23319	90° Quick-Connect, 3/8" x 3/8"	3/8" SAE J2044	3/8"	3/8"	2
RK23320	Straight Quick-Connect, 3/8" x 5/16"	3/8" SAE J2044	5/16"	5/16"	2
RK23321	90° Quick-Connect, 3/8" x 5/16"	3/8" SAE J2044	5/16"	5/16"	2

CREATE A PART NUMBER

Filter Type	Color		Bowl Type		Micron				
	Filter/Bracket/Fittings	Replacement Filter/Priming Tube	Black Body	White Body	Drain	Closed Bowl/No Drain	2 micron	10 micron	30 micron
23	23	1			06		-02	-10	-30
					99	81	-02	-10	-30
R23		1			07		-02	-10	-30
R23					98	80	-02	-10	-30

SNAPP First Fit Assembly	SNAPP Replacements
23106-02	R23107-02
23106-10	R23107-10
23106-30	R23107-30
23299-02	R23298-02
23299-10	R23298-10
23299-30	R23298-30
23281-02	R23280-02
23281-10	R23280-10
23281-30	R23280-30

Example: 23106-02

For a complete list of part numbers and accessories, please see cut sheet RSL0282.