



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



## Fuel Manager

For Light, Medium & Heavy-Duty  
Trucks, Ag, Industrial and Construction Applications



ENGINEERING YOUR SUCCESS.

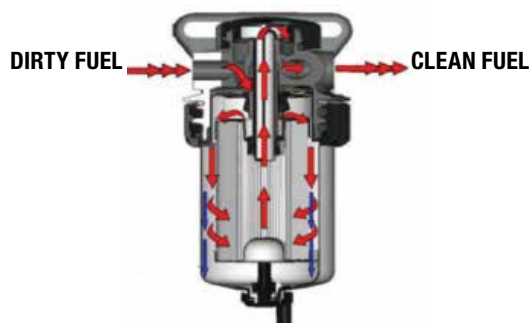


## VERSATILE FUEL FILTRATION

Today's fuel filtration and water separation demands high efficiency with multi-function, flexibility and ease of use without the risk of fuel spills or contaminated parts. The Fuel Manager range of combination fuel filters / water separators meet these demanding requirements.

## SPECIFIED BY LEADING OEMS

Over 100 OEMs Specify Fuel Manager Systems for their engines and equipment. Fuel Manager is available for light, medium and heavy-duty trucks and agricultural, industrial, construction and marine applications.



### FM 1 SERIES LIGHT-DUTY

The FM1 is the smallest series of patented Fuel Manager. The FM1 uses the same world-class media that is used in our other series of Fuel Manager Filters. It consists of a molded plastic mounting header with a choice of different filter elements, which twist on using a patented feature. Designed for diesel engines with fuel flow rates up to 25 US gallons per hour (95 liters per hour), the FM1 is available in various sizes and highly efficient media grades.

### FM 10 SERIES MEDIUM-DUTY

The FM10 Series is designed for diesel engines with a fuel flow rate up to 50 US gallons per hour (190 liters per hour). It consists of a molded engineered plastic mounting header with a choice of different filter elements, which are uniquely keyed and twist on using a patented feature. This ensures only the correct, genuine service element can be installed on the header, and assures the user that the engine is properly protected from contaminated fuel. The FM10 is available in various sizes and highly efficient media grades.

### FM 100 SERIES HEAVY-DUTY

The FM100 is a highly adaptable modular series of filters which can be fitted to a variety of applications. It is designed for diesel engines with a fuel flow rate up to 70 gallons per hour (265 liters per hour). The FM100 Series consists of a cast aluminum mounting header with a choice of threaded ports of almost any configuration up to M16x1.5 in size. "Push-in" quick fit connectors can also be specified making fuel connections easy, quick and less costly. The filter elements interface with the header using a patented "Key Track" system which is designed to ensure that only the correct, genuine service element can be installed on the header. The FM 100 is available in various sizes and highly efficient media grades.

### FM 1000 SERIES HEAVY-DUTY


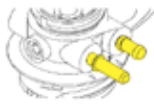
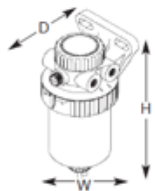
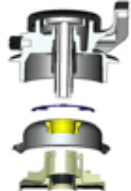
The FM 1000 is the largest of Fuel Manager filters. It is designed for diesel engines with a fuel flow rate up to 180 US gallons per hour (680 liters per hour). The FM1000 series maintains all of the modularity of, the FM100 Series. It consists of a cast aluminum mounting header, with a choice of threaded ports up to M22x1.5 in size. The filter elements interface with the header using the same patented "Key Track" system as the FM100 Series. The FM1000 is available in various sizes and highly efficient media grades.

# EVERY DIESEL ENGINE, EVERY DIESEL APPLICATION

Fuel Manager is a unique, patented, modular diesel fuel filter / water separator system that can be customized for most any application.

- Can be engine mounted or chassis mounted
- Operating temperature: -40° to 250° F (-40°C to 120°C)
- Can be on either vacuum or pressure side application
- Particle removal efficiency per customer specification (ISO19438 or SAEJ1985)
- Can use specialty media to remove water. Up to 99.9% efficiency (ISO16332 and SAEJ1488)
- Options to automatically bleed air back to fuel tank or manually to atmosphere
- Pre-filter Media Micron Ratings - 150, 40, 30, 20 to 10 Micron (other performance media available)
- Final Filter Media Micron Rating - 5 or 2 Micron (other performance media available)

## STANDARD SPECIFICATIONS

FEATURE	IMAGES	FM1 SERIES	FM10 SERIES	FM100 SERIES	FM1000 SERIES
<b>TYPICAL ENGINE SIZE</b>		10-75HP (7.5-56kW)	10-200HP (7.5-149kW)	50-350HP (37-261kW)	200-600HP (149-447kW)
<b>MAX FUEL FLOW</b> (includes return flow)		25 US gallons/hr (95 liters/hr)	50 US gallons/hr (190 liters/hr)	70 gallons/hr (265 liters/hr)	180 US gallons/hr (680 liters/hr)
<b>MAX OPERATING PRESSURE</b> (without see-through water bowl)		Up to 20psi (138kPa)	Up to 30psi (200kPa)	Up to 100psi (690kPa)	Up to 100psi (690kPa)
<b>MOUNTING HEADER</b>		Molded Engineered Plastic	Molded Engineered Plastic	Cast Aluminum	Cast Aluminum
<b>KEY TRACK SYSTEM</b> Ensures only correct service element can be installed on header		Not Available	Specific OE key types available	Specific OE key types available	Specific OE key types available
<b>FUEL LINE CONNECTION OPTIONS</b>		Molded Hose Barb or Latch Bead	Molded Hose Barb or Latch Bead	Screw-in Threads Metal Hose Barb Latch Bead	Screw-in Threads Metal Hose Barb Latch Bead
<b>OVERALL INSTALLATION DIMENSIONS</b>		Width - 92mm Depth - 94mm Height (smallest) - 134mm Height (largest) - 183mm	Width - 95mm Depth - 101mm Height (smallest) - 150mm Height (largest) - 208mm	Width - 101mm Depth - 105mm Height (smallest) - 162mm Height (largest) - 250mm	Width - 187mm Depth - 155mm Height (smallest) - 224mm Height (largest) - 335mm
<b>GEN 3.3 (HEMI)</b> Latest Product IP on the Fuel Manager Line		Not Available	Available and header rejects all previous Fuel Manager elements	Available and header rejects all previous Fuel Manager elements	Not Available

## OPTIONAL MODULES / FEATURES

<b>SEE-THROUGH WATER COLLECTION BOWL</b> Enables easy visual check of water to be drained.	Adds 70ml water storage capacity	Adds 70ml water storage capacity	Adds 70ml (standard) or 240ml (optional) water storage capacity	Adds 240ml water storage capacity
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# Worldwide Filtration Manufacturing Locations

## North America

### Compressed Air Treatment

#### Gas Separation & Filtration Division

Airtek/Finite/donnick hunter/Zander  
Lancaster, NY  
716 686 6400  
[www.parker.com/faf](http://www.parker.com/faf)

Balston  
Haverhill, MA  
978 858 0505  
[www.parker.com/balston](http://www.parker.com/balston)

### Engine Filtration

#### Racor

Modesto, CA  
209 521 7860  
[www.parker.com/racor](http://www.parker.com/racor)

Holly Springs, MS  
662 252 2656  
[www.parker.com/racor](http://www.parker.com/racor)

### Hydraulic Filtration

#### Hydraulic & Fuel Filtration

Metamora, OH  
419 644 4311  
[www.parker.com/hydraulicfilter](http://www.parker.com/hydraulicfilter)

Laval, QC Canada  
450 629 9594  
[www.parkerfarr.com](http://www.parkerfarr.com)

Velcon  
Colorado Springs, CO  
719 531 5855  
[www.velcon.com](http://www.velcon.com)

### Process Filtration

#### domnick hunter Process Filtration SciLog

Oxnard, CA  
805 604 3400  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

### Water Purification

#### Village Marine, Sea Recovery, Horizon Reverse Osmosis

Carson, CA  
310 637 3400  
[www.parker.com/watermakers](http://www.parker.com/watermakers)

## Europe

### Compressed Air Treatment

#### domnick hunter Filtration & Separation

Gateshead, England  
+44 (0) 191 402 9000  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

#### Parker Gas Separations

Etten-Leur, Netherlands  
+31 76 508 5300  
[www.parker.com/dhfn](http://www.parker.com/dhfn)

#### Hiross Zander

Essen, Germany  
+49 2054 9340  
[www.parker.com/hzfd](http://www.parker.com/hzfd)

Padova, Italy  
+39 049 9712 111  
[www.parker.com/hzfd](http://www.parker.com/hzfd)

### Engine Filtration & Water Purification

#### Racor

Dewsbury, England  
+44 (0) 1924 487 000  
[www.parker.com/rfde](http://www.parker.com/rfde)

#### Racor Research & Development

Stuttgart, Germany  
+49 (0)711 7071 290-10

### Hydraulic Filtration

#### Hydraulic Filter

Arnhem, Holland  
+31 26 3760376  
[www.parker.com/hfde](http://www.parker.com/hfde)

Ujala, Finland  
+358 20 753 2500

#### Condition Monitoring Parker Kittiwake

West Sussex, England  
+44 (0) 1903 731 470  
[www.kittiwake.com](http://www.kittiwake.com)

### Process Filtration

#### domnick hunter Process Filtration Parker Twin Filter BV

Birtley, England  
+44 (0) 191 410 5121  
[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

## Asia Pacific

### Australia

Castle Hill, Australia  
+61 2 9634 7777  
[www.parker.com/australia](http://www.parker.com/australia)

### China

Shanghai, China  
+86 21 5031 2525  
[www.parker.com/china](http://www.parker.com/china)

### India

Chennai, India  
+91 22 4391 0700  
[www.parker.com/india](http://www.parker.com/india)

### Parker Fowler

Bangalore, India  
+91 80 2783 6794  
[www.johnfowlerindia.com](http://www.johnfowlerindia.com)

### Japan

Tokyo, Japan  
+81 45 870 1522  
[www.parker.com/japan](http://www.parker.com/japan)

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+82 31 359 0782  
[www.parker.com/korea](http://www.parker.com/korea)

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Jurong Town, Singapore  
+65 6887 6300  
[www.parker.com/singapore](http://www.parker.com/singapore)

### Thailand

Bangkok, Thailand  
+66 2186 7000  
[www.parker.com/thailand](http://www.parker.com/thailand)

## Latin America

### Parker Comercio Ltda. Filtration Division

Sao Paulo, Brazil  
+55 12 4009 3500  
[www.parker.com/br](http://www.parker.com/br)

### Pan American Division

Miami, FL  
305 470 8800  
[www.parker.com/panam](http://www.parker.com/panam)

## Africa

Aeroporto Kempton Park, South Africa  
+27 11 9610700  
[www.parker.com/africa](http://www.parker.com/africa)

