

3150R10

Fuel Filter Water Separator
On Fire Truck

Market Application Publication



Application

3150R10 on Fire Truck Chassis

The Challenge

A custom fire truck builder needed a filter to satisfy the high flow demands and efficient dirt and water removal requirements of their chosen engine package.



Contact Information

Parker Hannifin Corporation
Racor Division
P.O. Box 3208
3400 Finch Road
Modesto, CA 95353

phone 800 344 3286
209 521 7860
fax 209 529 3278
racor@parker.com

www.parker.com/racor

Why was Racor chosen as the solution?

Racor's 3150 fuel filter exceeded the OEM's spec for fuel flow, resulting in less restriction and greater service life. Racor's 10 micron media exceeded the OEM's expectation for dirt removal and water removal efficiency. Our trained and experienced distributor network was able to add a water-in-fuel sensor to the assembly, creating a single semi-customized part, saving the OEM valuable assembly time.

How the solution works

High capacity filter with Racor Aquabloc media, see-through water bowl and electronic water-in-fuel sensor.

These robust filters use a reusable see-thru contaminant collection bowl with an in-bowl heater option. The die-cast aluminum mounting head features standard 7/8" UNF O-ring inlet and outlet fuel ports. With a large 3/4" SAE port for easy fuel priming.



ENGINEERING YOUR SUCCESS.

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
www.parker.com/pdf

**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
desalination.parker.com

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

**Process Filtration
Process Advanced Filtration**
Oxnard, CA
805 604 3400
www.parker.com/processfiltration

Europe

**Compressed Air Treatment
domnick hunter Industrial**
England NE
+44 (0) 191 402 9000,
www.domnickhunter.com

Hiross Zander
Padova Business Unit
Angelo di Piove Padova, Italy
+39 049 9712 111
www.parker.com/hzd

Hiross Zander
Essen Business Unit
Essen, Germany
T +49 2054 9340, F +49 2054 934164
www.parker.com/hzd

Parker Gas Separations
Etten- Leur, Netherlands
+31 76 508 5300

**Engine Filtration &
Water Purification
Racor**
England
+44 (0) 1924 487000,
www.parker.com/rfde

Racor Research & Development
Stuttgart Germany
+49 (0)711 7071 290-0
www.parker.com/racor

**Hydraulic Filtration
Hydraulic Filter**
Arnhem, Holland
+31 26 3760376
www.parker.com/eurofilt

Urjala Operation
Urjala as Finland
+358 20 753 2500
www.parker.com/fi

Condition Monitoring Center
Norfolk IP 24 1HP England
+44 1842 763299
www.parker.com/cmc

**Process Filtration
domnick hunter Process**
DH3 2SF England
T +44 (0) 191 410 5121
www.domnickhunter.com

Asia Pacific

Australia
NSW 2154, Australia
+61 2 9634 777
www.parker.com/australia

China
Shanghai 101206 China
+86 21 5031 2525
www.parker.com/china

India
Mahape, Navi Mumbai 400 709 India
T +91 22 5613 7081, 82, 83, 84, 85
www.parker.com/india

Japan
Yokohama-shi, 244-0003 Japan
T +81 45 870 1522
www.parker.com/japan

Korea
Hwaseong-City Gyeonggi-Do, Korea
T +82 31 359 0771
www.parker.com/korea

Singapore
Singapore 619 702
T +65 6887 6300
www.parker.com/singapore

Thailand
Bangkok 10250 Thailand
T +66 (0)2 186 7024
www.parker.com/thailand

**Latin America
Parker Comercio Ltda.
Filtration Division**
Sao Jose dos Campos
CEP 12225-390 SP Brazil
+55 12 4009 3500
www.parker.com/br

Pan American Division - Miami
Miami, FL
305 470 8800
www.parker.com/panam

Africa
Aeroporto Kempton Park,
1620 South Africa
+27 11 9610700
www.parker.com/au

