



## Clean fuel is essential

Since water is potentially the most harmful contaminant in your fuel system, Baldwin Filters developed a line of heavy-duty fuel/water separators that are both rugged and reliable. Baldwin's fuel/water separators incorporate a heavy-duty, one-piece housing and other design features that eliminate the risk of failure associated with designs that use plastic bowls.

The DAHL®/Baldwin line of products provides additional protection to diesel fuel systems. DAHL fuel filter/water separators remove virtually 100% of the water and solid contaminants from your fuel system. The key to providing such efficient removal of contamination is DAHL's patented depressurizer cone and the design of the dual-chamber 3-stage fuel filter/water separator.

Clean fuel provided by a DAHL diesel fuel filter/water separator eliminates nearly all of the engine problems caused by water and solid contaminants in diesel fuel. In addition, you can expect:

- Longer Injection System Component Life
- Full Power Performance
- Lower Element Replacement Cost

## Depend on Baldwin Filters

Protect your equipment with heavy-duty Baldwin filters. When it comes to coverage, Baldwin Filters provides the widest range of heavy-duty lube, air, fuel, coolant, hydraulic and transmission filters in the industry.

Baldwin consistently manufactures filters designed to meet or exceed the quality, performance and supply requirements of original equipment and aftermarket customers.

*Africa*  
**Baldwin Filters South Africa**  
 Ph: 27-21-534-0029  
 Fax: 27-21-534-3730  
 E-mail: africa@baldwinfilter.com

*Australia & New Zealand*  
**Baldwin Filters Aust., Pty. Ltd.**  
 Ph: 61-3-9353-7300  
 Fax: 61-3-9353-7301  
 E-mail: australia-newzealand@baldwinfilter.com

*Central & South America*  
**Baldwin Filters**  
 Ph: (786) 425-1896  
 Fax: (786) 425-9138  
 E-mail: latinamerica@baldwinfilter.com

*China*  
**Baldwin Filters**  
 Ph: 852 2814 7722  
 Fax: 852 2814 7744  
 E-mail: china@baldwinfilter.com

*Europe*  
**Baldwin Filters N.V.**  
 Ph: 32 3 328 18 88  
 Fax: 32 3 328 18 99  
 E-mail: europe@baldwinfilter.com

*Mexico*  
**Filtros Baldwin de Mexico, S.A. de C.V.**  
 Ph: 5255-5445-0660  
 Fax: 5255-5446-0677  
 E-mail: mexico@baldwinfilter.com

*Middle East*  
**Baldwin Filters**  
 Ph: (308) 237-9782  
 Fax: (308) 237-9769  
 E-mail: middleeast@baldwinfilter.com

*Russia*  
**Baldwin Filters**  
 Ph: (308) 237-9749  
 Fax: (308) 237-9769  
 E-mail: russia@baldwinfilter.com

*Southeast Asia & Pacific Rim*  
**Baldwin Filters**  
 Ph: 65-6382-6619  
 Fax: 65-6382-6182  
 E-mail: southeastasia@baldwinfilter.com

*UK & Ireland*  
**Baldwin Filters Ltd.**  
 Ph: 44-1702-291668  
 Fax: 44-1702-290846  
 E-mail: uk-ireland@baldwinfilter.com



# Fuel System protection



**BALDWIN FILTERS®** **BALDWIN**  
 a CLARCOR company  
 4400 East Highway 30 ■ P.O. Box 6010  
 Kearney, Nebraska 68848-6010  
 Phone: (308) 234-1951 ■ Toll Free: (800) 822-5394  
 Fax: (800) 828-4453 ■ Int'l Fax: (308) 237-9769  
 Internet: www.baldwinfilter.com



## Heavy-duty protection

Dirty fuel is a fact of life. Even with the development of cleaner-burning fuels, contaminants are still a major concern when it comes to fuel systems.

Baldwin fuel filters protect sensitive fuel system components, such as injection pumps and injectors, from damaging contaminants, which include:

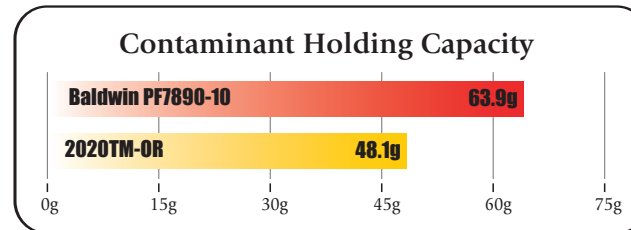
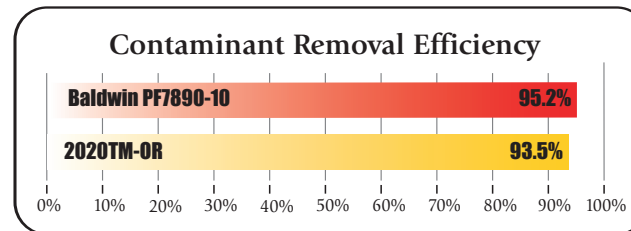
- **Water** — destroys lubricative properties of your fuel, damaging fuel system components and resulting in fuel flow stoppage at cold temperatures.
- **Fungus and Bacteria** — plug fuel filters, feed on hydrocarbons and spread rapidly in the presence of moisture.
- **Precipitates (non-combustible materials)** — settle out of the fuel causing few problems.
- **Particulates (black, tar-like contaminants)** — plug fuel filters quickly.
- **Wax** — adds energy to diesel fuel; however, during cold weather, wax thickens and gels – slowing or stopping fuel flow.

Baldwin Filters offers more than 650 different fuel filters, fuel managers, coalescers and fuel/water separators to fit most applications.

## Maximum performance

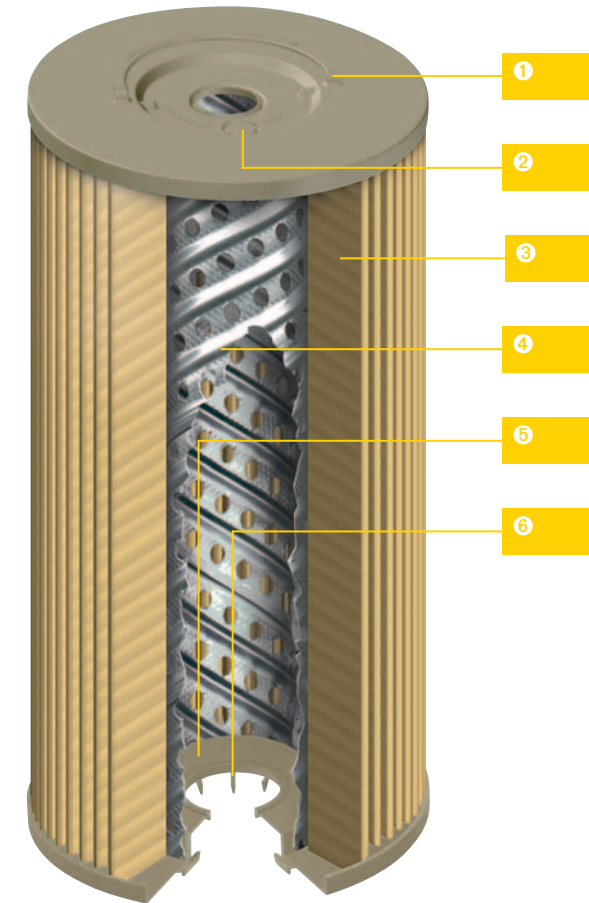
Baldwin Filters manufactures high quality fuel filters designed to perform according to the specifications established by engine and equipment manufacturers.

SAE J905 tests show Baldwin filters exceed the minimum standards for contaminant removal efficiency and contaminant holding capacity. The following product comparisons illustrate Baldwin's superior performance.



SAE J905 Test: Flow Rate - 180 gph; PTI Fine Test Dust, Dust Add Rate 12g/6g, Termination 10 psid. Efficiency time weighted average.

## Element for Racor® Housings



- 1 **Integrated Handle** swings up for easy removal of element during service.
- 2 **Emergency By-Pass** feature is accessed by punching through the tab.
- 3 **Highly Effective HydroShield™ Media** repels water and other contaminants, while assisting the turbine housing by removing water from the fuel.
- 4 **Spiral-Seamed Centertube** helps prevent collapse caused by a sudden difference between internal and external pressure.
- 5 **Integral Post Seals** are molded directly into the end caps for ease of service and applications reliability.
- 6 **"Keys"** open the shut-off valve to allow flow when the element is inserted into the housing.

There is no association or affiliation between Baldwin Filters and Racor. Racor® is a registered trademark and division of Parker Hannifin Corp.

