



Clean Fuel & Lubricant Solutions

# Fuel Filter

## DBB8666

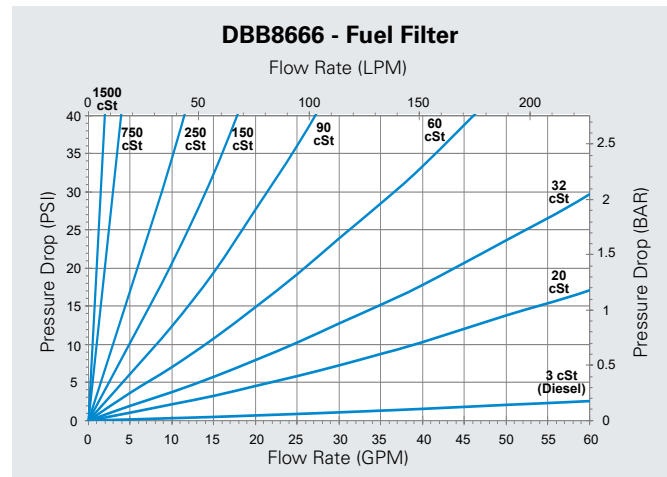
This 4 micron filter is designed to clean fluids to the target cleanliness level of ISO 14/13/11 in transfer applications. With fuel system pressures approaching 40,000 psi and clearances as small as 1 micron, fuel must be cleaner than ever before.

Donaldson Clean Solutions filters provide unsurpassed cleanliness in a single pass. Filters may be used individually or configured into high capacity systems using a variety of different head and manifold options. These filters incorporate our best technology and construction, including Donaldson Electrostatic Reduction Technology (D.E.R.T.<sup>™</sup>), epoxy for increased fluid compatibility and e-coating for maximum epoxy adhesion and corrosion resistance.



### SPECIFICATIONS

<b>Target ISO Cleanliness*</b>	14/13/11 or better
<b>Efficiency</b>	4 micron @ Beta 2000
<b>Fluid Compatibility</b>	#1 or #2 diesel, kerosene biodiesel up to B100, gasoline including ethanol
<b>Working Pressure</b>	24.1 bar / 350 psi
<b>Element Collapse Pressure</b>	10.3 bar / 150 psi
<b>Rated Static Burst</b>	56.2 bar / 800 psi
<b>Max. Flow Range**</b>	246 lpm / 65 gpm
<b>D.E.R.T.***</b>	Yes
<b>Operating Temperature</b>	-40 to 118 °C / -40 to 245 °F
<b>Recommended Viscosity Range</b>	<100 cSt



\*Select the proper filter by fluid type and OE recommended ISO code. Do not over filter fluids. Doing so may result in the stripping of beneficial additive.

\*\*Actual flow rate varies based on fluid viscosity, pumping pressure and filter loading.

\*\*\*D.E.R.T.<sup>™</sup> Donaldson Electrostatic Reduction Technology prevents media damage during high flow fuel applications.

### FEATURES

- Fast and easy to service
- Unsurpassed filter efficiency
- D.E.R.T. technology to prevent electrostatic discharge damage
- Cleans to target ISO cleanliness in a single pass
- Modular design can be configured for virtually any flow rate or usage level

### APPLICATIONS

- Single pass filtration for clean fluid transfers
- Inlet and outlet filtration at bulk storage tanks
- Dispenser "polishing" filtration on fuel pumps and hose reels

## DIMENSIONS



## INSTALLATION

- Use with Clean Solutions single filter heads, dual filter head or manifolds



P570329



P570330



P568583



P561880



P568932



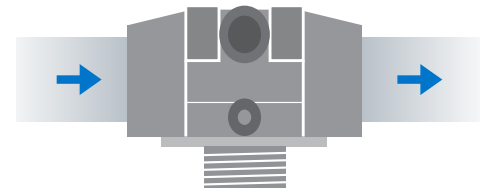
P568933



DFF1012

- Install on pressure side of pump with arrows pointing in direction of flow
- Allow 51 mm / 2" clearance for servicing filter
- Lubricate filter and head o-rings with clean oil or diesel
- Install filter on head by spinning clockwise
- Use strap-wrench to tighten
- Also available in kits:
  - o Standard Kit X011448, which includes single filter head P573681, pressure gauge P573681 and port adapter P573862
  - o High-Capacity Kit X011450, which includes dual filter head P568563, pressure gauge P573681 and port adapter P573862
  - o Clean and Dry Kit X011449, which includes dual filter head P568563, pressure gauge P573681, port adapter P573862, T.R.A.P. Breather X920006 and water absorbing filter DBB0248

**EASY  
INSTALL**



## REPLACEMENT PARTS & MAINTENANCE SCHEDULE

- Service filter when flow slows or predetermined differential pressure is reached (varies based on pump spec, system dP and clean filter dP)
- Isolate filter and relieve pressure prior to servicing
- Loosen filter by rotating counter clockwise using strap-wrench
- Install clean filter by rotating clockwise, tighten ½ turn after filter seats in gasket
- Dispose of used filter appropriately

**MyCleanDIESEL**.com

**Achieve More.**

Visit [MyCleanDiesel.com](http://MyCleanDiesel.com) for your own Clean Solutions.



Donaldson Company, Inc.  
Minneapolis, MN USA

855-518-7784 (USA/Canada)

[MyCleanDiesel.com](http://MyCleanDiesel.com)  
[donaldson.com](http://donaldson.com)  
[shop.donaldson.com](http://shop.donaldson.com)

**Need a Clean Solution?**

As a global organization, we have offices throughout the world. Please direct your inquiry to [clean.solutions@donaldson.com](mailto:clean.solutions@donaldson.com). This will enable us to address your inquiry in the shortest possible time.

Mexico	Brazil	South East Asia	Korea
Latin America	Europe & Middle East	Greater China	Australia
Caribbean	South Africa	Japan	India

Brochure No. F111555 ENG (01/24)

© 2024 Donaldson Company, Inc. All rights reserved. Donaldson Company, Inc. reserves the right to change or discontinue any model or specification at any time and without notice. Printed in the U.S.A.