



Clean Fuel & Lubricant Solutions

# Fuel Filter

## DBB8666

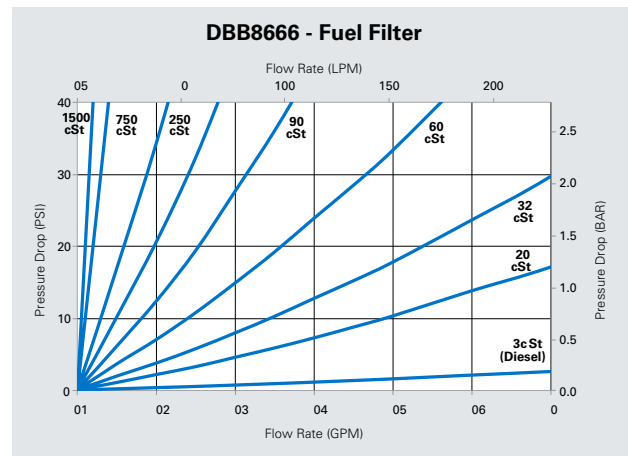
This 4 micron filter is designed to clean fluids to the target cleanliness level of ISO 14/13/11 in transfer applications. With fuel system pressures approaching 40,000 psi and clearances as small as 1 micron, fuel must be cleaner than ever before.

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



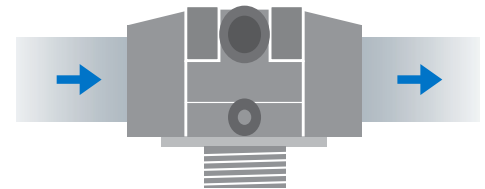
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DFF1012

- 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

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**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.

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Brochure No. F111555 ENG (12/19)

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