



Clean Fuel & Lubricant Solutions

Fuel Filter

DBB8666

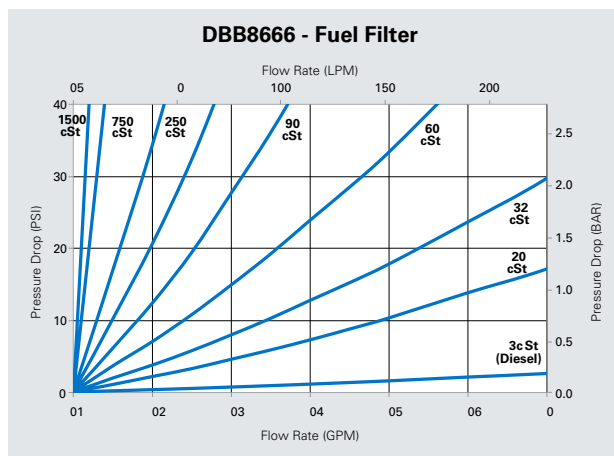
This 4 micron filter is designed to clean fluids to the target cleanliness level of ISO 14/13/11 in transfer applications. With fuel system pressures approaching 40,000 psi and clearances as small as 1 micron, fuel must be cleaner than ever before.

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.[™]), epoxy for increased fluid compatibility and e-coating for maximum epoxy adhesion and corrosion resistance.



SPECIFICATIONS

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



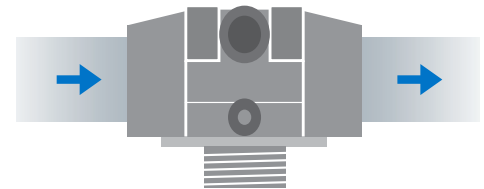
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DFF1012

- 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. This will enable us to address your inquiry in the shortest possible time.

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