



Clean Fuel & Lubricant Solutions

Winter Fuel Filter

DBB8777

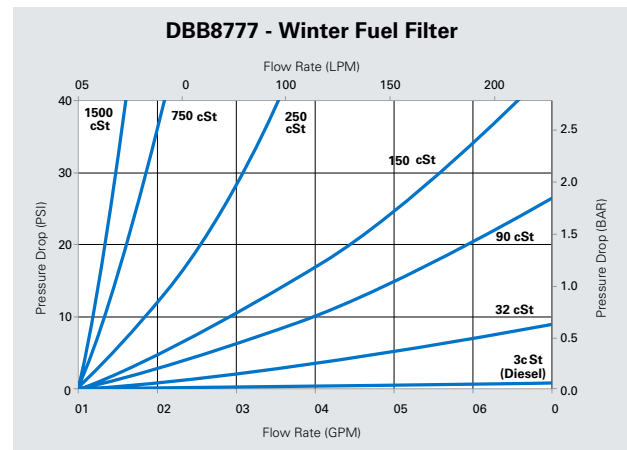
This 7 micron filter is designed for use in cold weather when gel or other soft substances can cause rapid filter plugging. Its specially formulated media provides an efficient ISO 16/14/11 cleanliness level while allowing the small crystals formed in cold weather additized fuel to pass, thus extending filter life.

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*	16/14/11
Efficiency	7 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	55.2 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



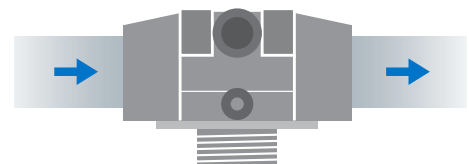
P568933



DFF1012

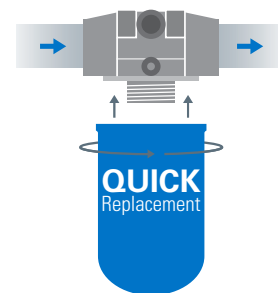
- Install on pressure side of pump with arrows pointing in direction of flow
- Allow 51 mm / 2" clearance for servicing filter
- Lubricate filter and head o-rings with clean oil or diesel
- Install filter on head by spinning clockwise
- Use strap-wrench to tighten

**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 for your own Clean Solutions.



Donaldson Company, Inc.
Minneapolis, MN USA

855-518-7784 (USA/Canada)

MyCleanDiesel.com
donaldson.com
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. This will enable us to address your inquiry in the shortest possible time.

Mexico
Latin America
Caribbean

Brazil
Europe & Middle East
South Africa

South East Asia
Greater China
Japan

Korea
Australia
India

Brochure No. F111554 ENG (12/19)

© 2019 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.