Clean Fuel Solutions

Donaldson WaveLength™
Remote Filter Monitoring System

Achieve More.
Real-time information about your filtration systems

Today it’s more important than ever to filter diesel fuel before it gets dispensed into your equipment and vehicles. It’s equally important that your filtration systems do not adversely affect your operations through unexpected filter plugging or unplanned downtime. But the quality and properties of diesel fuel delivered to your tank are not always consistent or predictable. Even fuel that meets specs may still cause issues with filterability and have a propensity to plug filters prematurely.

Introducing Donaldson WaveLength™

It monitors your bulk fuel filtration systems so you always know when it’s time to change your filters, even when you’re miles away or when fueling occurs at all hours of the day or night.

Donaldson WaveLength is an entirely new way to monitor remote filtration systems that saves you time – and saves you money. By combining the latest in telematics and cloud technology with Donaldson’s industry-leading understanding of fuel filters – it’s a cost effective way to give you the one thing you need most to avoid critical and costly downtime:
REAL-TIME INFORMATION.

Keep Your Operations Running Smoothly

Donaldson WaveLength monitors filter pressure drop data from any location, sends text and email alerts in real-time when preset pressure drop levels are reached and provides timely reports. It takes the guess work out of your maintenance planning and helps prevent unexpected downtime.

Donaldson WaveLength Features

- Pro-actively sends email or text alerts when preset pressure drop levels are reached
- Allows access to filtration performance data any time, any place
- Shows data from multiple filtration systems at once
- Provides a map of filtration system locations and pressure drops
- Provides timely reports
- Gives you full data history to help with overall operational analysis
- Certified Class I, Division 2 (CID2) for safe use in potentially hazardous environments, such as oil field drilling, pump and fuel stations, and chemical plants
Donaldson Clean Fuel Solutions

How it Works

Start by installing Donaldson WaveLength on bulk fuel filtration systems that are critical to your operation’s success. The device sends real-time information to the WaveLength Intelligence Platform, which relays the data about your filtration system to your computer, tablet or cell phone – any device with an internet connection. Text messages and email alerts are sent based on alert levels set to your specific system requirements so you have advance notice of when your filters require servicing. Finally, web-based software displays system pressure drop levels and generates alarms so you can optimize your filter service practices to keep running and ACHIEVE MORE.

Installation

We offer full turnkey installation services, or, if you prefer, you can install Donaldson WaveLength using our mounting kits. Each mounting kit is designed to allow for quick, easy plumbing into the filtration system and includes mounting hardware. All are designed so no cutting, tapping or welding is required.

Select a Mounting Kit
(based on Your Filtration System)

<table>
<thead>
<tr>
<th>Single Head Kit</th>
<th>P577495* and P577505*</th>
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<tbody>
<tr>
<td>Dual Head Kit</td>
<td>P577496</td>
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<tr>
<td>Manifold Kit</td>
<td>P577497</td>
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<tr>
<td>Inline12 Manifold Kit</td>
<td>P577498</td>
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* Both are required for mounting single head kits

Add the Monitor Assembly

Each assembly includes: cellular enclosure, pressure transducer, connection cables, battery, 1 year service

| Monitor Assembly for Verizon US | P577032 |
| Monitor Assembly for AT&T US   | P578683 |
| Monitor Assembly for AT&T Canada | P578684 |
| Optional 10ft. Antenna Cable   | P577035 |

Service Parts
(as required)

| Battery                | P577034 |
| 1 Year Renewal for Verizon US | P577036 |
| 1 Year Renewal for AT&T US   | P578685 |
| 1 Year Renewal for AT&T Canada | P578686 |
| Pressure Drop Sensor    | P577033 |
Donaldson Delivers
Superior Bulk Fluid Filtration

Clean.
Donaldson single-pass filtration on the inlet removes contamination before it can enter your storage tank and contaminate it.
Compact and easy to replace, Donaldson filters are an important line of defense in maintaining fluid quality and can be configured for high flow rates while minimizing pressure drop.

Protect.
Water absorbing filters, T.R.A.P.™ Breathers and Reservoir Air Dryers reduce the risk of moisture and contaminants entering a bulk storage tank so fluids are kept clean and dry. Used together, they’ll help guard fluids from free water, airborne contamination and microbial growth for as long as they stay in storage.

Polish.
Unstable fluids and the tank itself can be a source of contamination. Final filtration on the outlet with Donaldson filters ensures that targeted ISO cleanliness levels are achieved before fluids are pumped into your equipment.