Modular Fuel Solutions

Donaldson SELECT™ filtration technology provides the latest fuel filtration advancements for Original Equipment Manufacturers. The SELECT system offers highly configurable components that can be packaged with our advanced Synteq XP™ Media Technology – or with other Donaldson media offerings – to address today’s fuel challenges.

Component Flexibility
Versatile head options are interchangeable and can be configured with a reusable housing and disposable cartridge or a metal spin-on filter. Heating and sensor add-on options are available.

Environmental Care
Application flexibility designed into the system supports regional environmental practices. For global areas where recycling is the preferred environmental care method, Donaldson offers a metal spin-on options. The alternative, a metal-free cartridge, can be easily crushed or fully incinerated.

Water Management Options
SELECT systems are available with add-on water collection bowls or as a transparent housing. Both options provide quick visual water inspection. Donaldson Twist&Drain™ valves with built-in water-in-fuel (WIF) sensors are available for easy water management.
Industry Shaping Filtration Technology

Synteq XP™ Media Technology

Developed specifically to overcome the evolving challenges of today’s fuels

Donaldson’s ground-breaking Synteq XP filter media for Tier 4 engines takes fuel filtration performance to a whole new level by providing enhanced engine and system component protection options including:

- Higher efficiency for optimal engine protection, or
- Extended filter life (up to 2 to 3 times that of traditional filter media)

Versatile and smaller filter packaging configuration options are available for secondary fuel filtration.

Synteq XP offers better contaminant removal – and better contaminant retention – all under the dynamic operating conditions that your engines and equipment experience every day.

Enhanced Reliability

Donaldson pioneered the RadialSeal™ design for air filtration more than 20 years ago. We’ve applied this proven concept to fuel filtration in order to create a filter that is structurally stronger and to improve the reliability of the interface between filter and engine.

The improved sealing reliability helps protect engines from harm, even in extreme operating conditions. By moving the threads outward, the RadialSeal interface increases the surface area to provide a robust connection with superior vibration resistance, a common challenge in heavy-duty applications.

Global Presence with Local Support

Donaldson is established throughout the world to support global and regional customers. Our locations provide engineering resources, project management, a global sales team, marketing support, manufacturing and distribution at regional levels. Our manufacturing facilities are ISO 14001 and ISO/TS16949 certified.
**Low Pressure Fuel Applications up to 60 GPH (227 LPH)**

Create a custom solution from these ready-to-use SELECT components.

**Specifications**
- Operating Pressure*: 100 psi (6.9 bar)
- Flow Rate**: up to 60 GPH (227 LPH)
- Temperature Range*: -40º to 250ºF (-40º to 121ºC)
- Fuel compatibility options up to B100

**Porting Size Options**
- 9/16 - 18 SAE
- M14x1.5 mm
- M16x1.5 mm
- Application customization

**Pump Options**
- Electronic Transfer Pump:
  - 12V or 24V
  - brushed or brushless motor types available
- Hand Priming Pump

**Electric Heating Options**
- 12V or 24V
- Thermocouple heater rod, or PTC (Positive Temperature Coefficient) heater plate

**Air Relief Valve**
- Automatic or manual

**Media Options**
- Custom performance packaging with advanced Synteq XP media technology, Synteq or standard cellulose media

**Clear Water Collection Bowl**
- Visible Capacity: 80 ml
  - (filter housing sump holds additional water)
- Drain Valve: Twist&Drain™ configurations

**Water-in-Fuel Sensor**
- Digital or passive options with multiple connector interfaces

* Dependent on application and configuration
** Maximum flow rate may be exceeded for certain applications and configurations