



RED JACKET® FXV SERIES MECHANICAL LINE LEAK DETECTORS



Red Jacket® FXV MLLD

Red Jacket® FXV Mechanical Line Leak Detectors are permanently installed in the fuel line, and performs a 3 gal/h hourly test automatically. If a leak is detected fuel flow is restricted to the dispensers.





available for hourly monitoring – the most cost-effective and reliable means to meet U.S. Federal Environmental Protection Agency catastrophic line leak detection requirements – and are guaranteed for two full years.

FXV Leak Detectors are UL listed and third party certified to ensure quality, performance, and durability. All models of the FXV Leak Detector are UL Listed for the following Fuel Compatibility:

- 100 % Diesel
- 100 % Gasoline
- Gasoline and up to 10% Ethanol

Product Form

Part Number	Description	Notes
116-056-5	Line Leak Detector Unit, FX1V, Gas	FX1V Line Leak Detector Unit
116-058-5	Line Leak Detector Unit, FX1DV, Diesel	FX1V Line Leak Detector Unit
116-057-5	Line Leak Detector Unit, FX2V, Gas	<i>Product discontinued as of July 1, 2021</i>
116-059-5	Line Leak Detector Unit, FX2DV, Diesel	<i>Product discontinued as of July 1, 2021</i>



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- Meets EPA requirements in environments that experience extreme temperature changes.
 - Robust design that works effectively in the most common and difficult testing environments.
 - Adapts to applications using high-resiliency lines, such as flexible piping.
 - Handles up to 11 feet of static head.
 - Installs and troubleshoots without requiring special tools.
 - Guaranteed to detect at a rate of 3 GPH at 10 PSI for 24 months from date of manufacture.
 - Can be used with any Red Jacket or competitive submersible turbine pump.

Specifications

Certification	UL Listed
Fuel Compatibility	100% Diesel (FX1DV Model), 100% Gasoline (FX1V Model), Gasoline with up to 100% Ethanol (note: UL Listed for 10% Ethanol) Gasoline, diesel, aviation fuel, solvent, and other hydrocarbon.
Types of Pipeline	Fiberglass, steel, double-wall, any rigid piping
Nominal Diameter of Pipeline	10 in. or less
Maximum Size Lines System can be Installed On	416.7 gallons for rigid lines and 95.4 gallons for flexible lines
Maximum Operating Pressure	50 psi



Documents

- ↓ [FX1V and FX2V Leak Detectors - Certification Reports, Results of U.S. EPA Standard Evaluations \(577013-872\)](#)
- ↓ [FXV Leak Detectors Installation Instructions \(042-106-1\) \(PDF\)](#)
- ↓ [Testing Mechanical Leak Detectors - FX Tester \(C051-272\) \(PDF\)](#)
- ↓ [Testing Mechanical Leak Detectors - Option B Finite Testing \(RJ-20\) \(PDF\)](#)
- ↓ [Red Jacket Product Guide \(576047-310\) \(PDF\)](#)

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