

**Veeder-Root  
(originally listed as Marley Pump Co.)**

Red Jacket FX1D, FX2D, FX1DV, FX2DV  
Installed in the Big-Flow

**AUTOMATIC MECHANICAL LINE LEAK DETECTOR**

- Certification:** Leak rate of 3.0 gph with  $P_D = 100\%$  and  $P_{FA} = 0\%$ .
- Leak Threshold:** 2.0 gph. A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold.
- Applicability:** Gasoline, diesel, aviation fuel.  
Other liquids may be tested after consultation with the manufacturer.
- Specification:** System tests pressurized fiberglass and steel pipelines.  
Tests are conducted at operating pressure.
- Pipeline Capacity:** Maximum of 362 gallons.
- Waiting Time:** None between delivery and testing.  
None between dispensing and testing.
- Test Period:** Response time is less than 3 minutes.
- System Features:** Permanent installation on pipeline.  
Automatic testing of pipeline.  
Preset threshold.  
Single test to determine if pipeline is leaking.  
Restricted flow to dispenser if leak is declared.
- Calibration:** System must be checked annually and, if necessary, calibrated in accordance with manufacturer's instructions.

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Evaluator: Ken Wilcox Associates  
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Dates of Evaluation: 03/15/94, 07/30/96,  
03/11/99