

High Speed Coupled Receiver

- Combine your overfill with your flow control
 - Flows through 148 GPM, 555 LPM
- Direct mount to **Vmi** OFP-2
 - No additional pressureless components to purchase

Vmi's High Speed Coupled Receiver is a mining and construction industry standard male dry break. The receiver can be used as a replacement for existing male dry break couplers. When mounted on a **Vmi** OFP-2 Overfill Protection Valve, the High Speed Coupled Receiver creates a non-pressurized filling system.

Due to the operation of **Vmi's** OFP Valve, when fuel reaches the shutdown level of the tank, pressure builds within the shutdown valve rather than the tank. This prevents the potential for bulging or ruptured tanks, without the prohibitive cost of other non-pressurized high-speed filling systems.

Vmi Hydraulic Hammer Prevention System

Hydraulic Hammer beating up your fueling equipment?



OFP-3 shown with OFP-HHP (Hydraulic Hammer Preventer) and OFP-FTK (Functional Test Kit) options

Vmi's OFP method of operation

eliminates the hydraulic hammering effect that comes from overfill protection valves opening and closing due to fast turbulent filling (waves inside the tank). However, if the shutdown level is reached, and the flow rate or delivery pressure is high, the hydraulic hammer can burst hoses, damage valves, or even damage fill pumps. Every component from the overfill valve back to the delivery pump endures significant pressure spikes when the receiver stops flow into the tank. **Vmi** can provide a means of protecting and extending the service life of these components. The **Vmi** Hydraulic Hammer Preventer (OFP-HHP) will close the **Vmi** Overfill Prevention Valve gradually, over 10 - 20 seconds, rather than immediately. **This gradual shutdown provides an industry exclusive system that protects every fueling component from pump to tank from hydraulic hammer.** Ask **Vmi** how to protect your plumbing and pumping system.

