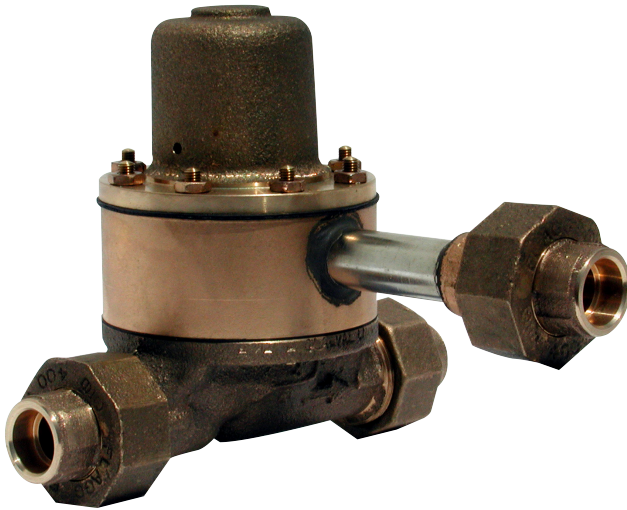




## Hydraulically Actuated Check Valve



- Drip-Tight Shut-off
- Reliable Diaphragm-Actuation
- Remote Control Operation
- Ensures Proper Loop System Operation

The Cla-Val Model 81PM-1 Hydraulically-Actuated Check Valve is designed for use in the Hydraulic Activation portion of a shipboard Dry Type Magazine Sprinkler System. The 3/8" 81PM-1 is spring-loaded to close and requires control pressure to open. The 81PM-1 Hydraulically-Actuated Check Valve is a remotely-controlled diaphragm-actuated pilot control valve used in interconnected activating piping to control transition from Open-valve loop and Closed-loop operating Magazine Sprinkler Valve. Control pressure signal is applied in conjunction with 100M-1KR Remote Control Valve. When control pressure is applied 100M-1KR Remote Control Valve closes and 81PM-1 Hydraulically-Actuated Check Valve opens allowing the Magazine Sprinkler Valve to remain controlled by Closed-valve loop. When control pressure is relieved the 100M-1KR opens and the 81PM-1 closes and the Open-valve loop activates the Magazine Sprinkler Valve. When control pressure is blocked, the system is in normal condition and can be activated by PRPV or Three-Way Manual Valves.

### Typical Application

Dry Type Magazine Sprinkler System with 81PM -1 Check Valve

