



Hydraulic Check Valve

Product Summary

The Hydraulic Check Valve™ is a hydraulically activated drain closure system which contains pollutants, oil spills and firewater run off issues on site within seconds of an incident and contains until such time as a release is authorised. The system comprises a control panel and drain closure valve.

The control panel is capable of multiple activations and is operated via battery power (with mains trickle charge). This ensures that the system operates even in the event of a power failure. The system contains a 24v Siemens PLC as its method of control. A pressure sensor is incorporated to stop the hydraulic pump at a pre set level to ensure a tight seal. The unit can be activated manually at the control panel or connected to a number of detection devices such as sounder alarms for fire, GSM alarms for text or directly to the latest web interfaced interceptor monitor for automatic activation.

The Hydraulic Check Valve™ is operated by hydraulics and opens into the chamber. This provides addition sealing when the unit is activated due to the water build up within the drainage system. The double acting ram enables the valve to open up against the head of water and can be manipulated to control the amount at which the valve opens to release the water build up in stages to avoid further erosion challenges downstream.

Feature

- Battery operated
- Mains trickle charge
- Repeated use
- Controlled operation
- Hydraulic activation
- Programme logic controlled panel
- Pressure sensor

Specifications

- 6" to 72" diameter drains
- Manufactured from 10mm stainless steel
- Two half-moon design
- Centralised steel bar
- Hydraulic locking mechanism
- Positional lock indicators
- Secondary stop lock.



Designed to comply with CIRIA 736



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