



Key Information

Power options include: mains, battery or solar panel.

Can be retrospectively fitted to drainage system,

Able to contain large heads of water.

Able to be fitted on outfalls up to 72" (1875mm)

More cost effective than penstock & gate valves due to minimal civil requirements.

Decanting valve option to enable quick & effective waste removal.

Can be integrated into other systems such as SCADA or BMS.

Legislation and Specific Guidelines

Environmental Damages Act 2009

Water Industry Act 1991

Water Resources Acts 1991.

The CheckValve™ is a pneumatically activated unit which contains pollutants, oil spills and firewater run off issues on site within seconds of an incident.

CheckValve™ can be multi-activated and used as a proactive measure to guard against pollution in areas such as:

- > Sealing site when deliveries are being made
- > Weekly fire defence checks
- > Can act as a non return valve against flooding risk

There are several methods for remote alert and activation:

- > Manual - push button
- > GSM – text activation
- > Automated – via fitted probe sensors for detection of pH values, odour and turbidity
- > Fire alarm - links to your fire alarm for immediate remote closure

The unit can be 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.

It has a patented over locking toggle system which can only be disabled by either manual intervention or a GSM deactivation, ensuring 100% seal of the area. With its unique adaptor plate, it can be fitted directly onto an existing flange or to the wall within a chamber.