

# Bund Water Control Unit



## Key Information

Removes water from sumps at a rate of up to 135 litres per minute.

Available to be used within zoned areas.

Low maintenance required.

GSM Alert option.

Uses conductivity probes to detect pollutant in sump.

Available as single or double units.

Provides 110% bund capacity at all times.

## Legislation and Specific Guidelines

Environmental Damage Regulations 2009

Water Industry Act 1991 + Water Resources Act 1991

Control of Major Accident Hazards Regulations 1999



The Bund Water Control Unit acts as a de-watering system for areas where there may be a build up of rainwater mixed with oil residues from tanks/deliveries.

The Environment Agency guidelines relating to tanks and bunding state that bunds should have a minimum 110% storage capacity of the largest tank or 25% capacity of all tanks, whichever is the larger. This is to ensure that, in the event of a spill it can be contained. If the bund is not emptied on a regular basis rainfall can quickly compromise this requirement.

The Bund Water Control Unit works 365 days a year, 24 hours a day as it works to keep your bunded area dry and free from oil contamination.

It works by detecting the difference between oil & water and pumping away the water into the surface water drainage system or a soak away leaving any oil in the sump. It is advisable to pump into a interceptor but the unit does works at a discharge rate of <math>< 5\text{mg}</math> of oil per litre (5 parts per million when discharging to surface water).

This allows for economical and effective waste removal and will have the added benefit of reducing your disposal costs whilst protecting the bund from disintegration. The units are used in a range of applications from substations to oil bunds to underground lift shafts.

The minimum dimensions of the sump that the unit can be installed within for optimum functionality is 600mm x 600mm x 600mm; the ideal size is 900mm x 900mm x 900mm or larger.