



BundGuard® 4 Pro

Compact, automatic bund dewatering system with intelligent oil retention



Cost-effective, fully automatic bund water management system for compliant, low-maintenance operation

BundGuard® 4 Pro continuously monitors bund conditions, removing rainwater while ensuring hydrocarbons remain safely contained.

No manual intervention. No risk of contaminated discharge. Reliable operation in all conditions.

Designed as a streamlined, single-pump solution, BundGuard® 4 Pro delivers proven BundGuard® performance in a compact, efficient system.

Reliable, compliant bund protection

Using advanced sensing technology, BundGuard® 4 Pro distinguishes between oil and water, ensuring only clean water is discharged.

- Prevents pollution incidents
- Maintains bund capacity and compliance
- Reduces manual inspection and pump-out
- Supports safe, unattended operation

In rigorous tests, BundGuard® systems achieve discharge levels of less than 5ppm hydrocarbons.

Streamlined performance for standard applications

BundGuard® 4 Pro is designed for sites requiring reliable, automatic bund dewatering without the need for dual-pump redundancy or advanced system integration.

Ideal for straightforward installations where space, simplicity and cost-efficiency are key.

Suitable for:

- Transformer bunds
- Generator and fuel storage areas
- Oil storage depots
- Industrial plant and infrastructure
- Utilities and critical sites

Benefits at a glance:

- Fully automatic bund water management
- Prevents discharge of oil-contaminated water
- Compact, space-efficient design
- Single-pump system for straightforward installations
- Low maintenance, long service life
- Proven discharge quality: <5ppm hydrocarbons or effectively zero when paired with FilterSepta® above-ground separator
- Reduces need for waste contractor call-outs
- Onward communications for remote monitoring
- Reliable operation in harsh outdoor environments
- Suitable for remote and unmanned sites
- 10-year control panel warranty

Proven platform

Part of the BundGuard® range, with over 50,000 units installed worldwide, delivering reliable bund protection across utilities and industrial sites.

Robust and reliable

BundGuard® 4 Pro delivers consistent, accurate operation, avoiding common issues such as false readings, pump cycling and premature failure seen in basic systems.

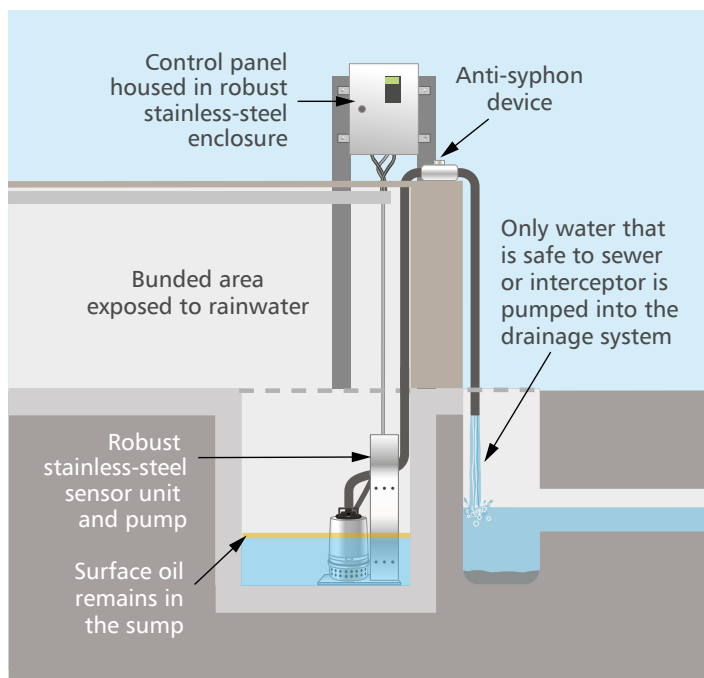
The control panel and submersible sensor unit are housed in durable, UV-resistant enclosures for long-term outdoor deployment.

With routine maintenance, systems are proven to operate for 15+ years in all weather conditions.



Making water sustainable for a cleaner and safer environment.





Designed for durability and serviceability

An updated sensor design with rugged, insulated probes improves reliability in harsh environments, while a modular construction supports easier on-site maintenance and component replacement.

A refined control panel layout improves usability and accommodates a wider range of installation requirements.

Key features

Control & Monitoring

- LCD operation counter
- System status indication

Alarms & Protection

- High oil alarm
- High water alarm
- Pump disable alarm
- Mains fail output

Pump Protection

- Single pump operation for straightforward installations
- Thermal protection to prevent pump damage

Connectivity

- Volt-free contacts for remote monitoring

TECHNICAL INFORMATION

CONTROL PANEL

- Construction: Stainless steel, IP66 rated
- External dimensions: (H)375mm x (W)320mm x (D)117mm (including mounting lugs)
- Fixing: Wall/surface mount via external fixing lugs
- LED Indicators:
 1. Mains Supply
 2. Pump Active
 3. High Water Alarm
 4. High Oil Alarm
 5. Pump Disable
- Display: LCD pump operation counter
- Outputs:
 1. Pump disable, pump active, mains fail, high water, high oil
 2. Rated: 10A @ 230VAC (AC1), 0.1A @ 220VDC (DC1)

SENSOR UNIT

- Power and voltage: Nominal
- Construction: Stainless steel, immersion-proof
- External dimensions: (H)550mm x (W)185mm x (D)280mm
- Fixing: Free-standing in base of sump

STANDARD PUMP

- Power and voltage: 230 VAC (110 VAC optional)
- Construction: Stainless steel, immersion-proof
- Dimensions: (H)320mm x (W) 165mm
- Safety: Thermal trip with self-reset
- Flow rate: 140 litres per minute at 2-3m head
- Fixing: Integrated within sensor unit

FIXING AND CONFIGURATION

Supplied complete with fixing kit, anti-syphon device, 10 metres of pump and sensor cable and 5 metres of 18 bar flexible hose.

Factory configured prior to delivery. Minor on-site adjustment may be required. No further calibration required.

Routine maintenance recommended every 6-12 months depending on site conditions.



Making water sustainable for
a cleaner and safer environment.

