FLOOD DEFENCE

FloodPump®

Robust automatic sump pump system
designed for internal and external sumps



Robust automatic sump pump system

Andel FloodPump® is a robust, cost-effective pump system designed specifically for sumps. Unlike systems that rely on mechanical float switches — which can stick, jam or fail after long periods of inactivity — FloodPump® uses conductive probes for dependable, repeatable operation, with reliable start-up every time, even after months without use.

With an IP68-rated pump and control unit, it is ideal for external sumps in locations where reliable flood pumping is required.

Integrated sensor unit

Three stainless-steel probes detect water conductivity — a pump start probe, a pump stop probe and a common probe. When water bridges the common and start probes, the pump activates automatically; once the water falls below the stop probe, the pump switches off.

Wall-mounted control unit

Installed indoors or outdoors at an easily accessible location, the control unit monitors probe conductivity, automatically controls pump operation, and features clear LED status indicators — green for power on, red for pump active.

Stainless-steel pump

The fully submersible stainless-steel pump delivers a typical flow rate of 140 litres per minute and is IP68 rated for installation in external sumps. A higher-capacity pump option is available.

Proven engineering

FloodPump® is developed from Andel's market-leading BundGuard® system — a proven, robust platform that has protected electrical distribution and oil storage sites across the UK and overseas for over 30 years.

Benefits at a glance

- Cost-effective, robust and reliable
- Designed specifically for sumps
- IP68-rated pump and control unit suitable for outdoor deployment
- Easy to install — power requires a fused spur or standard 3-pin plug
- Low maintenance
- Provides round-the-clock sump monitoring with automatic pump activation
- Conductive probes ensure reliable operation without float switches
- Output relay for optional alarm or Wi-Fi connection for remote monitoring
- Supplied with non-return valve and 10m power cable

TECHNICAL INFORMATION

CONTROL PANEL ENCLOSURE

Construction: ABS, IP68 rated

Dimensions: W 160mm × H 90mm × D 46mm

Cable glands: 3 × 20mm, IP68

POWER SUPPLY

Mains: 230 VAC, 50/60Hz

Fuse: 3A rated

Indicators: Pump running: red LED · Power on: green LED

PUMP

Power: 250W

Voltage: 220–240 VAC / 50Hz

Construction: 304 stainless steel with mechanical shaft seal

Dimensions: H 320mm × W 168mm

Weight: 6kg

Max flow: 140 litres per minute

Max head: 8m

Outlet: 1.25 inches BSP

Rating: IP68 — suitable for installation in external sumps

Supplied with: Non-return valve and 10m flying power lead

SENSOR UNIT

Probes: 3 × conductivity probes