FLOOD DEFENCE

CellarGuard®

Robust automatic flood pump system designed to protect cellars, basements and internal low points



Automatic activation via conductive probes

No float switches. No mechanical seizure after dormancy. Reliable start-up every time – even after months without operation.

Andel CellarGuard® is a cost-effective flood protection solution for residential and commercial properties. Unlike systems that rely on mechanical float switches – which can stick or fail after periods of inactivity – CellarGuard® uses conductive probes for dependable, repeatable operation.

How it works: integrated sensor unit

Three stainless-steel probes detect water conductivity:

- Pump start probe
- Pump stop probe
- Common probe

When water bridges the common and start probes, the pump activates automatically. Once water falls below the stop probe, the pump switches off.

Wall-mounted control unit

Installed at a convenient, accessible location, the unit:

- Monitors probe conductivity
- Automatically controls pump operation
- Features clear LED status indicators – green: power on; red: pump active

Stainless-steel pump

- Typical flow rate: 140 litres per minute
- Pumps down to 10mm on a flat surface
- Fully submersible

Higher-capacity pump option available.

Proven engineering

CellarGuard® is developed from Andel's market-leading BundGuard® system – a proven, robust platform that has protected

Benefits at a glance

- Cost-effective, robust and reliable
- Easy to install – power requires a fused spur or a standard 3-pin plug
- Low maintenance
- Provides round-the-clock flood monitoring with automatic flood pump activation
- Uses conductive probes giving 100% reliability
- Output relay for optional alarm or Wi-Fi smart home connection, allowing remote monitoring for landlords and property managers
- System supplied with non-return valve and 10m power cable. Range of mains cables and discharge hoses also available.

electrical distribution and oil storage sites across the UK and overseas for over 30 years.



CellarGuard® wall-mounted control unit with the stainless-steel submersible pump and integrated probe sensor unit.

TECHNICAL INFORMATION

CONTROL PANEL ENCLOSURE

Construction: ABS, IP66 rated

Dimensions: W 160mm × H 90mm × D 46mm

Cable glands: 3 × 20mm, IP66

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

Suction level: Pumps down to a depth of 10mm on a flat surface

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

SENSOR UNIT

Probes: 3 × conductivity probes