

CellarGuard®

Robust, automatic flood pump system for cellar floor or sump



Automatic flood pump system providing round-the-clock protection for properties at risk from flooding.

Andel CellarGuard® is a highly cost-effective solution for residential and small commercial properties. Because the system uses conductive probes to detect floodwater, it is 100% reliable compared to systems that rely on float switches, which are often prone to malfunction.

Andel CellarGuard® comprises a wall-mounted control unit that can be installed at a convenient, accessible location and a robust, stainless-steel pump and sensor unit designed for a cellar, basement floor or a shallow sump.

The pump can pump down to a depth of 10mm of flood water on a flat surface or in a shallow sump, the unit is also fully submersible.

Integrated sensor unit

The sensor unit, integrated into the pump, uses three probes – a pump start probe, a pump stop probe and a common probe for measuring conductivity between the other probes.

Control unit

The wall-mounted control unit recognises conductivity between the probes. If water is detected between the common probe and the pump start probe, the control unit will automatically activate the pump and will deactivate it when the water level drops below the pump stop probe.

The control unit has a red LED indicating the pump is active and green LED indicating power is on.

Stainless-steel pump

The standard pump operates at a typical flow rate of 140 litres per minute and there is an option to install a larger capacity pump if required.

Tried, tested and built to last

CellarGuard® has been developed from Andel's market-leading BundGuard®, an established, robust product that has protected assets and the environment for thousands of electrical distribution and oil storage site operators in the UK and overseas for over 30 years.

Benefits at a glance:

- Cost-effective, robust and reliable
- Easy to install – power requires a fused spur or a standard 3-pin plug
- Easy to maintain
- 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 connection to smart home app – also ideal for remote monitoring for landlords and property managers
- System supplied with 10m power cable. Range of mains cables and discharge hoses also available.

TECHNICAL INFORMATION

CONTROL PANEL ENCLOSURE:

Construction: ABS, IP66 rated

Dimensions: Width 180mm x Height 110mm x Depth 111mm

Complete with 3 x 20mm, IP66 cable glands

POWER SUPPLY AND FUSE RATINGS:

Mains 230VAC 50/60Hz

3A rated fuse

LED INDICATOR:

Pump running: Red LED

Power on: Green LED

PUMP SPECIFICATIONS:

Power: 250W

Voltage: 220-240VAC/50Hz

Construction: 304 stainless steel with mechanical shaft seal

Dimensions: Height 320mm x Width 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 10m flying lead for power connection

SENSOR UNIT:

3 x conductivity probes

For more information:

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