

# Integrated Pantry Water Detection System

## Reliable & durable

### Detect and prevent water leaks swiftly

An integrated Water Detection System (WDS) specially engineered for office pantries provides a one-stop-solution to detect, prevent and contain water leaks.

Utilising superior sensing modules and cables made to detect water leaks, it sends off an alarm which triggers the interlock with a 2-way solenoid valve which then closes the water supply while rectification is being done to remove the leak.



#### ZONE-TYPE LIQUID LEAKAGE ALARM SYSTEM

##### **ZD-18**

- Used for leak detection in small areas including drip trays.
- Features 2 relay outputs and local indicators.
- Immediate detection of various conductive (water, acid & alkaline) or non-conductive (hydrocarbon fuel or organic solvent) liquids.



#### MODULAR LEADER CABLE

##### **ALC-M-5M**

- Used for connection between Water Sensing Cable and Wire Terminal.
- Senses water intrusion, triggers an alarm, and pinpoints the location.
- Aluminium foil and tinned copper mesh protects cable from possible electromagnetic interference.

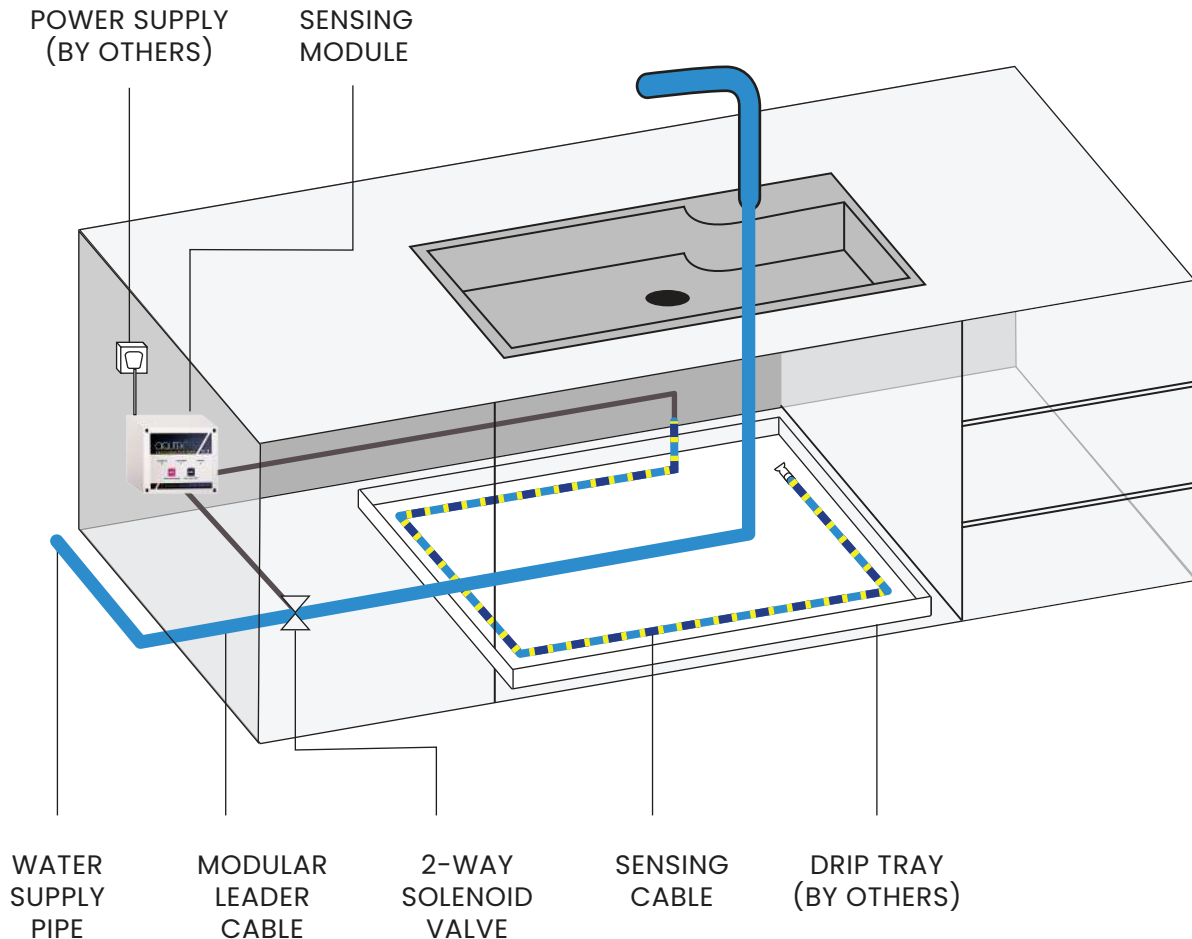


#### MODULAR SENSING CABLE WITH END TERMINATION

##### **WSC-100-E-5M**

- Detects the presence of liquid at any point along its length.
- Required at the end of each leak detection circuit.
- Pre-molded connectors, one end pre-terminated.
- Lightweight and flexible, allowing for easy installation.

## Typical pantry setup



## Features & benefits



### Drip tray installation

The custom Water Detection System comprises of a sensing module connected to the dedicated modular sensing cable which is laid in and around on the drip tray to detect, alert and prevent water leaks across various-sized areas by constant monitoring.



### Monitoring & alarm system

After installation, the custom sensing module will be monitoring and processing the information being fed to the sensor. When water leakage is detected by the sensor, an alarm or notification will be triggered in the form of lights or sound. The solenoid valve shuts off upon detecting water leakage via sensing cable. Water supply will resume once water leakage is resolved and the sensing cable is clean and dry.