

# Introducing the New AT-G-ALERT

## NEW Refrigerant Detector for Occupied Spaces

- Easy to Install
- Alarm Management
- Trouble Free Calibration
- Low Profile, Neutral Design
- Communication & Self Diagnostics
- Safety and the Environment\*

\*Assisting with compliance with current regulations and assessment methods such as BS EN378, BREEAM, F-Gas, LEED and SKA.

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**AquiTron** **AquiNet**

The new AT-G-ALERT provides monitoring for refrigerant from cooling and heating systems. These are mostly the VRF/VRV (Variable Refrigerant Flow/Volume) systems that are found in large public and private buildings such as hotel bedrooms, schools, hospitals, offices and residential apartments.

On detection of a refrigerant leak, the AT-G-ALERT warns occupants of the affected area with an audible alarm and visual light. In addition the sensor alerts the building management and automation system. Dedicated relays on the unit can be used to activate valves or extractor fans in the building, or even alert the emergency services.

The AT-G-ALERT can provide live information on the concentration of a refrigerant leak and system status via Modbus Communications. The ability to distinguish between high or low concentration leaks can be programmed into the relay actions allowing different valves or systems to be activated accordingly to deal with the different levels of concentration. Multiple sensors can also be networked together using the AquiNet Fieldbus System to give central monitoring, necessary for compliance with BS EN378.

**Replaces the AT-G-SENSE**

# AT-G-ALERT

## THE COMPLETE SOLUTION for Refrigerant Detection in Occupied Spaces

### Easy to Install

Fits standard double gang 47mm recessed electrical box or available with bespoke surface box. Configured through easily accessible magnetic switches or programmable Modbus communication interface.



### Low Profile, Neutral Design

AT-G-ALERT design includes a low profile faceplate available in a choice of three standard finishes blending seamlessly into any décor.



### Alarm Management

High and low alarm set points are factory preset. Corresponding high and low relay states are programmable, as well as, silent alarm, reset and delay.



### Communication & Self Diagnostics

The AT-G-ALERT continually communicates system, sensor and alarm status through its relays, Modbus communications and the faceplate tri-coloured LED's. A unique unit identifier can be tied to the HVAC control system identifying zone/location. Each unit's alarms and relays can be configured remotely through Modbus or directly with magnetic wand activated switches.



### Trouble Free Calibration

All gas detectors require periodic field testing and calibration. The AT-G-ALERT offers an easy field calibration design and an exclusive plug-in field replaceable pre-calibrated sensor.



### Safety & the Environment

AT-G-ALERT enables a comprehensive approach to refrigerant leak management ensuring comfort and safety for the occupants, whilst reducing the environmental impact of HFC refrigerants. Assisting with current regulations and assessment methods compliance, including **BS EN378, BREEAM, F-Gas, LEED and SKA.**