

AQUAGAS



MONITORING
SYSTEMS

ARMS II® Automatic Refrigerant Monitoring System

The **ARMS 2** is a pre-calibrated automatic monitoring system for detecting leakage of fluorinated greenhouse gases around compressors, cold rooms or chillers and provide site operators with It provides early warning of refrigerant loss. The **ARMS 2** is designed to provide stand alone conformity with **F-Gas Regulation** and complies to **AS1677** (mandatory for sites with an overall refrigerant charge in excess of 300kg).



ARMS II - Early detection of Fgas loss Automatic Refrigerant Monitoring

Multicomponent and multi-zone The **ARMS 2** uses a multi-gas infrared sensor technology and can be supplied as an 8, 16, 24 or 32 channels model, to provide multi-zone leak detection based on the simultaneous real-time measurement of HFC/HCFC's - CO2 - NH3 - Hydrocarbons - CH4.

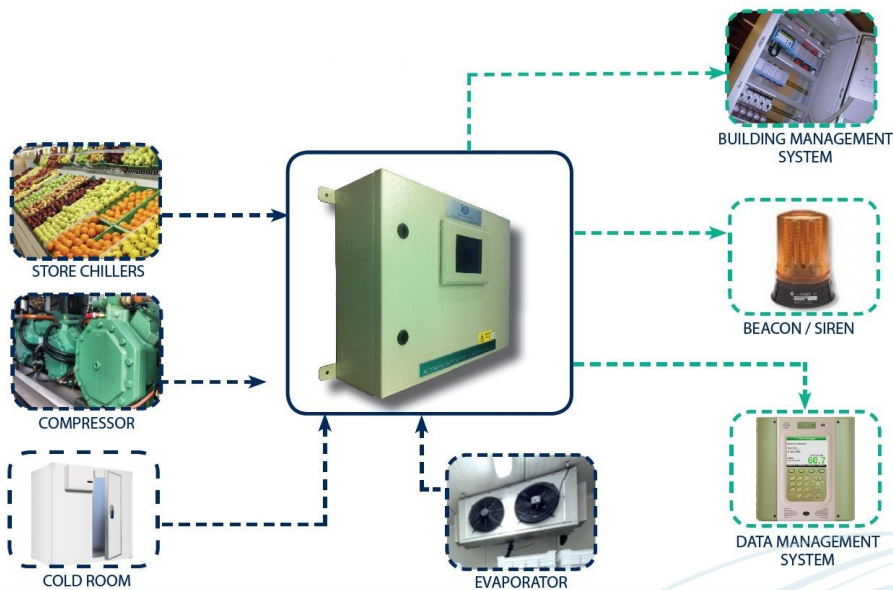
ARMS II® Key Features

- Simultaneous multigas IR detection eradicates need for multiple systems and supports site changes
- Unique detection of 8, 16, or 32 individual points to enable accurate identification of leak
- Instant visualisation & one touch access to current settings, status & alarms, event history.
- Pre-calibrated for HFC/HCFCs, CH4, NH3, CO2, CH4 and hydrocarbons.
- QuickScan bypass pump to minimise system cycle time and overall response time
- 8, 16, 24 and 32 sampling channels



ARMS II[®] Ease of integration

The ARMS II is capable of initiating alarms, activating building ventilation systems and integrating with building automation system.



- Onboard RS232/485
- Ethernet
- 5 programmable alarms
- Touch screen HMI
- Up to 32 zones

ARMS II[®] Specifications

CONSTRUCTION & ENVIRONMENT

Dimensions	520 x 400 x 160 mm (L x W x H) Wall mount assembly
Weight	16 kg
Measured components	HFCs/HCFCs/CH4/HCs/NH3/CO2
Interface	Colour touchscreen display and USB Ports
Data storage	2 GB Built-in SD memory
Output	5 user programmable dry contact alarm output/ threshold On-board RS232/485 and Ethernet comms
Relative humidity	15 to 95% non condensing
Ambient T°	0 to +40°C
Conformity	F-Gases regulation / AS1677 / EN378

ELECTRICAL UTILITIES

Power supply	240 VAC 50 Hz - 3A
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