



ARMS2

Fixed Automatic Refrigerant Leak Detection System



The ARMS 2 improved upon the design features and functionality of the original ARMS, it is based on proven gas detection technologies enhanced to meet the specific requirements of the F-Gas Regulation.

Meet F-Gas Regulations with One Unit

Under the F-Gas Regulation it is mandatory for sites with an overall refrigerant charge in excess of 300kg to install a fixed refrigerant leak detection system. This can be achieved with the ARMS 2 fixed gas leak detection system from a1-cbiss.

Future Proof Technology

By definition, the ARMS 2 is a system which is calibrated mechanical, electrical or electronic device for detecting leakage of fluorinated greenhouse gases, which on detection, alerts the operator. Supports current & future refrigerant usage on site, reducing requirement for multiple systems or additional installations

Unique broad range of up to 32 channel options

The ARMS 2 utilises multi-gas infrared sensor technology and can be supplied as an 8, 16, 24 or 32 channels model, to provide wide area leak detection for the simultaneous measurement of multiple gases.

“Compact & easy to install with a unique choice of 16, 24 or 32 sampling channels”

Gases analysed



KEY BENEFITS

- Configurable with up to 5 alarm relay outputs to suit site specific requirements
- Unique broad range of channel options to negate requirement for multiple systems
- Instant visual indication & one touch access to current settings/status & alarm/event history
- Quickscan significantly reduces cycle time & reduced risk of missing a leak

APPLICATIONS

- A/C Systems
- Chiller Plant Rooms
- Production & Distribution Facilities
- Hospitality

Technical Specification

GENERAL

- Colour touch screen display
- 2GB SD Memory & USB Port
- 5 Individual volt-free relay outputs

POWER

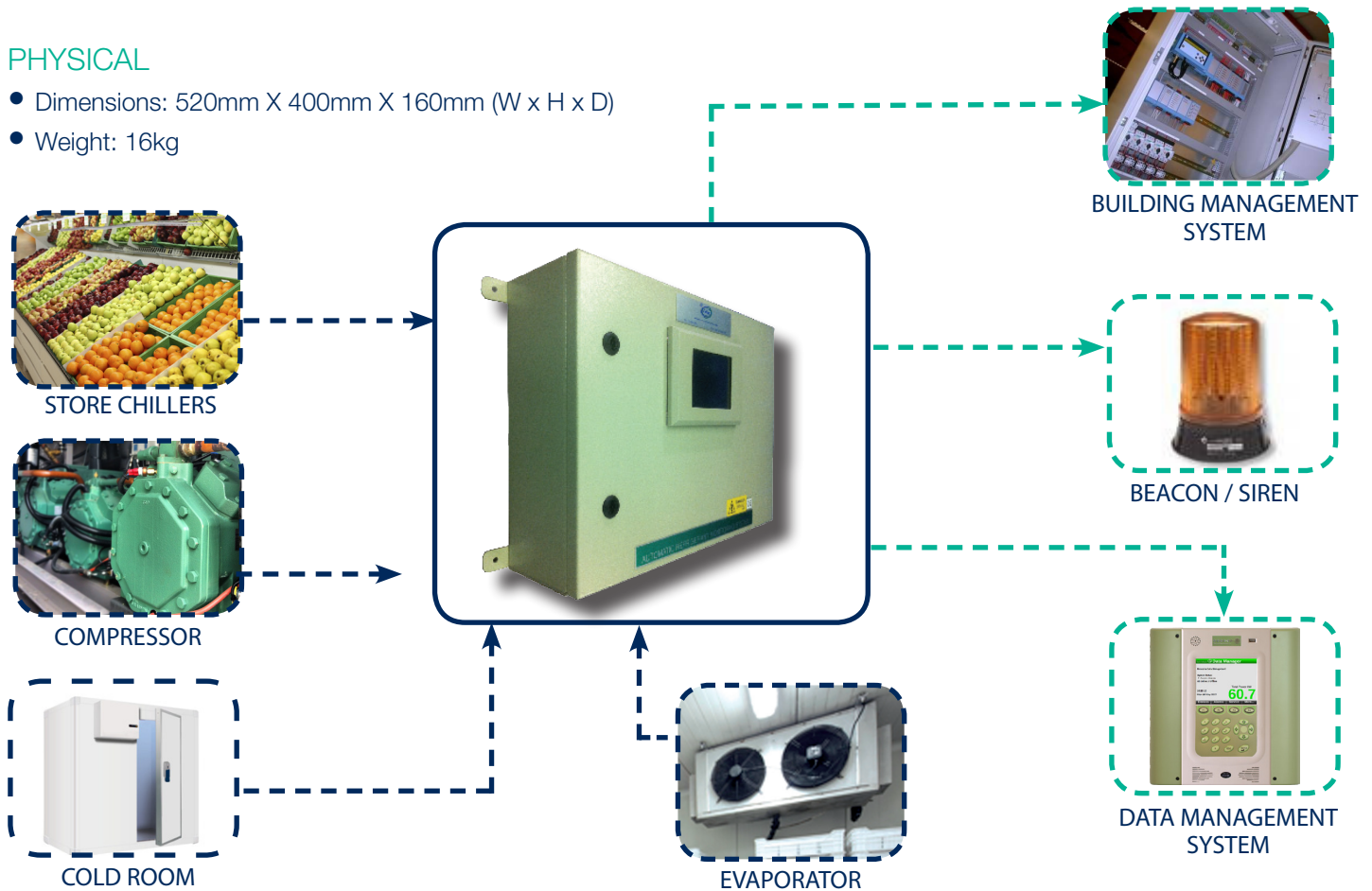
- Electrical requirements - 230V 50Hz mains input to be via an accessible isolation switch with integral or separate 3A fuse
- Models available - ARMS-8, ARMS-16, ARMS-24, ARMS-32
- On board RS232 / 485 and ethernet comms
- 5 Individual volt-free relay outputs

PERFORMANCE

- Operating temperature range: 0°C to +40°C
- Operating humidity range: 15%-95% Non-condensing (continuous)

PHYSICAL

- Dimensions: 520mm X 400mm X 160mm (W x H x D)
- Weight: 16kg



Complete Project Solutions

Our complete project solutions are developed to assist you.

We achieve this through:

- Expert consultancy
- Project management
- In-house project design & build
- Installation & commissioning
- After product service & support

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