



EUROTEC

HVAC Business Unit

Newsletter

Issue 23

JULY 2021



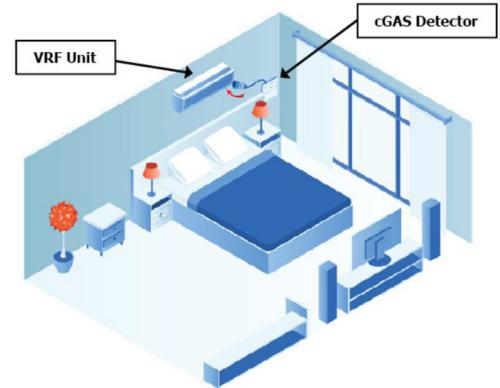
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SPOTLIGHT ON: Refrigerant Gas Leakage Monitoring System

Early detection of a refrigerant leak helps prevent dangerous health consequences to occupants, reduces significant loss of expensive refrigerant and decreases energy costs. If a leak does occur, a fixed gas detection system will ensure people will be alerted and kept safe.

Automation System (BAS) which will then trigger a predetermined response such as quickly switch off the air conditioner and implement an emergency response process, as well as trigger an alarm in the occupied space.

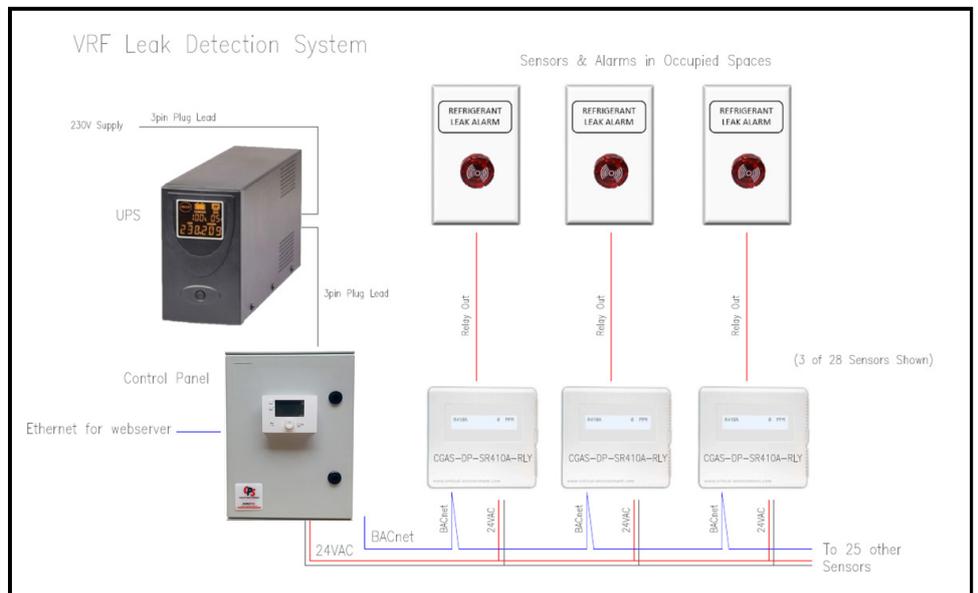


Refrigerant gases are used in air conditioners for cooling, and a common application for air conditioning is in hotels. Many hotel rooms are equipped with air conditioning units to maintain a comfortable environment in which guests can relax and enjoy their stay.

There is the potential for the refrigerant to leak out into the room, evaporating into a gas that is harmful for humans to inhale. In addition, the damage a leak can cause to the air conditioner components and the loss of refrigerant add up to costly bills for the hotel owner. A refrigerant leak can occur if the air conditioning unit isn't performing properly due to wear and tear from continual use, improper operation, inadequate maintenance or any other cause.

To ensure the health and safety of guests and to reduce the potential costs if a leak were to occur, **our Gas Leakage Detection System offers the best monitoring solution for either VTAC or PTAC applications.**

If a leak is detected, the System will communicate with a controller or Building



Our system is ideal for continuous monitoring of refrigerants in hotel rooms where high efficiency, high volume refrigerant cooling and heating system are used to keep the indoor environment comfortable. The low profile, aesthetically pleasing enclosure is designed to reduce the visibility of the device by the public eye.

For more information on this solution, view our brochure.



[> VIEW BROCHURE](#)



Product News

CAREL CPQ: Carel Selection Tool - Humidification Solutions

Correct sizing and selection of all of the components in a humidification system is essential for offering end customers the most complete and safest solution. This is the basis for the development of Carel CPQ, the tool created to simplify the work of our partners, a guide for sizing, selecting and even configuring CAREL's products in the simplest and clearest possible way. **Register for free at <https://cpq.carel.com>** In this video we look at the part of the tool devoted to Carel humidifiers.



CETCI QCC Quad Channel Controller End of Sale Notification

As advised by CETCI in June 2021, the QCC Quad Channel Controller will be discontinued. CETCI will maintain replacement units and parts until the End of Service timeline is reached for customers with a valid warranty.

For full details on the discontinuation of this product and the timeline, please view CETCI's end of sale notification **[HERE](#)**.



Product Showcase

NEW! CETCI FCS System Controllers



Critical Environment Technologies have launched the new FCS-4 and FCS-32 System Controllers. These controllers offer 4-channel and 32-channel configurations for monitoring toxic, combustible or refrigerant gases with versatile control functionality for non-hazardous, non-explosion rated, commercial and light industrial applications.

This is an expansion from their existing line of 8-channel (FCS-8) and 128-channel (FCS) System Controllers.

Key features include:

- Inputs from digital or analog transmitters and/or peripheral devices using Modbus® RTU RS-485 or 4-20 mA analog input.
- Modbus® RTU RS-485 or BACnet® MS/TP RS-485 output for communicating with a Building Automation System (BAS).
- 4 internal analog inputs.
- 4 internal SPDT dry contact relays.
- 2 dedicated horn/strobe drives.
- Full colour LCD resistive touch screen with an LED panel indicating channel alarm status.
- Relay status and fault conditions.
- Extensive menu system with password protection.
- Enhanced logic control, priorities / zoning capabilities.
- USB port for firmware upgrades.
- Data logging and a door-mounted audible alarm.



Applications:

- Enclosed Parking Facilities
- Recreation Facilities
- Food Processing Plants
- Cold Storage / Freezer Rooms
- Refrigeration Plants
- Chemical Storage Rooms and many more...

To find out more, contact your local Eurotec HVAC Sales Engineer.

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