

## **Bacharach 2019 AHR Expo Preview - Refrigerant Detection for ASHRAE 15 Safety Compliance and Combustion & Emissions Analysis Products**

During [AHR2019](#) in Atlanta, GA, Bacharach will exhibit solutions for ASHRAE 15 refrigerant safety compliance, combustion & emissions analysis, leak rate reduction, and VRF leak detection for occupied spaces. [Bacharach](#) will be exhibiting these solutions in booth # B2238.

### **ASHRAE 15 Safety Compliance**

The new MGS-400 series gas detectors are for refrigerant safety applications inside machinery rooms, mechanical rooms, and cold rooms. The MGS-400 detector include a significant advancement in usability with integration of a mobile app. Features includes:

- Supports regulatory compliance with ASHRAE 15
- Audible/Visual alarms with High/Low alarm levels
- Flexible deployment for standalone detection or multi-detector systems
- Engineered for refrigeration applications to -40°C
- Intuitive configuration for fast installation and set-up with a mobile app
- Audit trail and field calibration certificates through the mobile app

### **Presentation**

Mr. Tom Burniston, Product Manager, Refrigerant Leak Detection, will be speaking on this theme, "Intuitive Refrigerant Compliance Monitors for Commercial & Industrial Gas Leak Applications" on January 14: Theater B- Room-C102 from 10:45-11:05am.

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### **Residential, Commercial & Industrial Combustion & Emission Analysis**

Advances in Bacharach's [combustion analyzers](#) provide end-users with accuracy, low cost of ownership, ease of use & maintenance and increased safety. Features of our newest [PCA 400®](#) analyzer includes:

- Commission, Test, Maintain & Certify:
  - o Furnaces
  - o Boilers
  - o Engines
  - o Compressors
  - o GenSets
- Advanced, hand-held combustion analyzers with touch screen
- Industry Leading Run-Time: Up to 12 hours

- Log over 500 reports
- Sensor exchange programs
- Service & Calibration
- Priority Service for inspection & cleanings for extended product life
- Remote operation to view and control your analyzer remotely

### **Leak Rate Reduction**

The [HGM-MZ refrigerant monitor](#) supports at 1 PPM refrigerant leak detection, enabling grocery stores, food processors, and cold storage providers to detect extremely low refrigerant level leaks, thereby saving money on expensive refrigerant and improving energy efficiency of refrigeration systems. Features include:

- Automated Leak Detection
- 1 PPM minimum detection level
- Accurate detection of 60+ refrigerants
- Up to 16 sample zones per monitor
- Digital and analog communications

With the high cost of refrigerants being driven by F-Gas regulations, the HGM-MZ can provide a positive ROI for refrigerant savings in a matter of months.

### **VRF Leak Detection for Occupied Spaces**

The [MVR-300 VRF](#) refrigerant detector supports occupant safety and can isolate leaks by individual rooms. Features include:

- Integrated Audio/Visual Alarms, relays, and Modbus communication
- Discreet low profile design with mounting in standard electrical boxes
- Simple installation
- BMS/BAS compatibility

### **Portable Refrigerant Leak Detection**

The Bacharach [PGM-IR](#) and [H-10 PRO](#) use innovative sensing technology to find small refrigerant leaks quickly & effectively to save time and money. The PGM-IR is a portable refrigerant monitor that can be used to sniff for leaks in a wide area. It has a 1-PPM minimum detection level and can monitor for 60+ refrigerants. The H-10 PRO is the highest performance universal leak detector for all CFC, HFC and HCFC refrigerants and is used at close range to pinpoint specific leaks

Visit Bacharach in booth B2238 to see what our experts have to say on refrigerant leak rate reduction, portable leak detection, VRF refrigerant monitoring, and safety compliance. For more information about Bacharach's attendance, or to request an appointment visit our [exhibitor page](#).