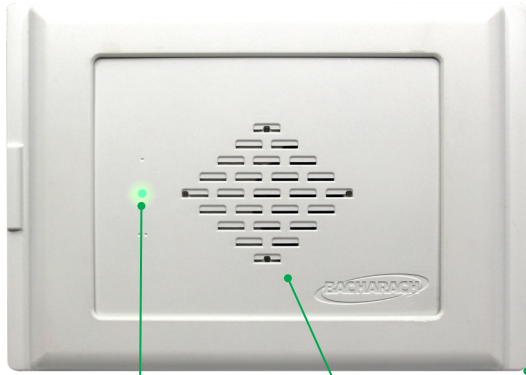


MVR-300 VRF Refrigerant Gas Detector

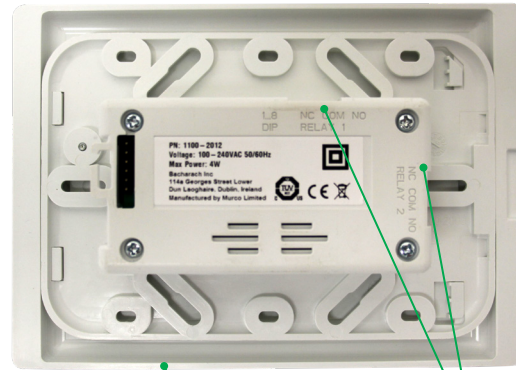
Gas Detection for Refrigerants in Occupied Spaces



Alarm options (LED, buzzer, two alarm levels, configurable delay and fail-safe) to alert occupants

Self-diagnostics and simple field calibration for easy maintenance

Low profile / flush mount for aesthetically non-intrusive appearance



Fits in standard electrical boxes for easy installation and mains power

Two relays and Modbus Communications for notifying building management & initiate counter measures

LEAK DETECTION FOR HOTELS & OTHER COMMERCIAL OCCUPIED SPACES USING VRF REFRIGERANT SYSTEMS

The MSA Bacharach MVR-300 VRF Refrigerant Gas Detector is specifically designed to provide continuous monitoring for refrigerants associated with high-efficiency, high volume refrigerant cooling and heating systems, such as VRF systems.

- Fits in standard 2-gang electrical boxes for easy installation (45 mm minimum)
- Low profile / flush mount for aesthetically non-intrusive appearance
- Two relays and Modbus Communications for notifying building management & initiate counter measures
- Alarm options (LED, buzzer, two levels, configurable delay and fail-safe) to alert occupants and remotely inform building management of alarm location for rapid response as required
- Refrigerant specific sensors for enhanced safety
- Self-diagnostics and simple field calibration for easy maintenance
- Unique plug-in field replaceable pre-calibrated sensor for low cost of ownership

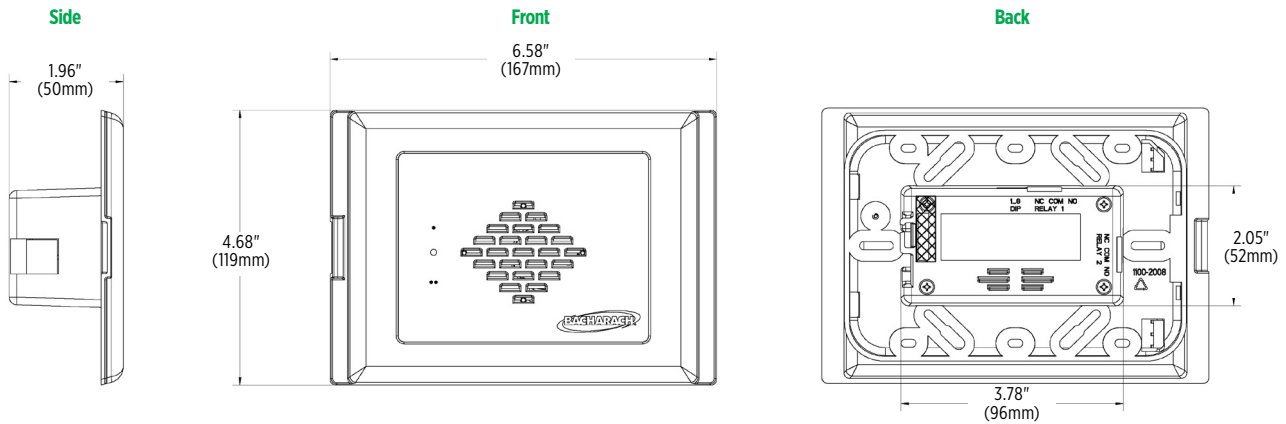
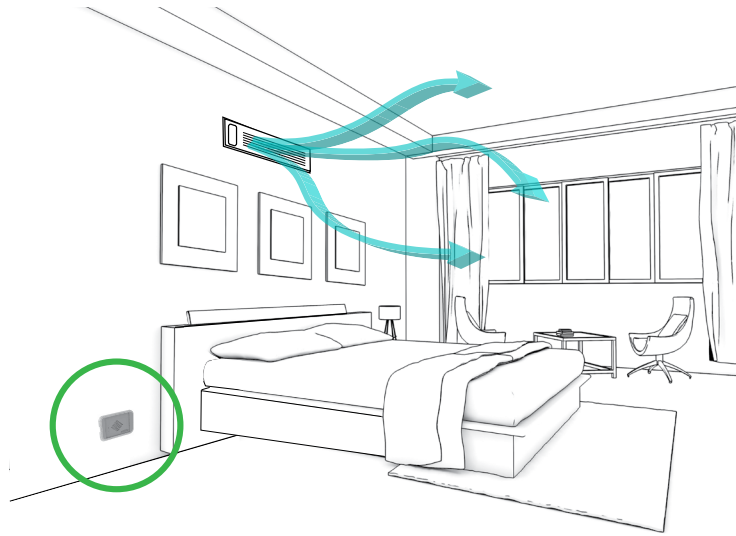
Specifications

Gases Supported	R-32, R-404A, R-407 R-410A (R-454B coming soon! Request info)
Sensor Channels	1
Enclosure Rating	General Purpose
Outputs	2 x Relays, Modbus
Buzzer Volume	80 dB @ 10 cm
Product Dimensions (L×W×H)	6" × 4.1" × 1.75" (150 × 105 × 45mm)
Product Weight	8 oz (230 g)
Sensor Type	SC
Supports/Enables Compliance with Industry Codes & Regulations	ASHRAE 15, CSA B52.2, EN 378, F-Gas Regulation
Product Performance Approvals	EMC Directives, CE Mark, UL / CSA / IEC 61010-1
Warranty	1 Year
Power	100 to 240V AC
MDL	400 ppm



More Information:

Scan the QR code to learn more about the MVR-300 and other MSA Bacharach products.



MVR-300 Part Numbers

GAS	LOW ALARM*	HIGH ALARM*	RANGE	PART NUMBER	PRE-CALIBRATED REPLACEMENT SENSOR	SENSOR TYPE
R-410A	500 ppm	2,000 ppm	2,500 ppm	H6203-0001	H6203-0101	SC
	1,000 ppm	2,000 ppm	5,000 ppm	H6203-0002	H6203-0102	
	2,000 ppm	4,000 ppm	10,000 ppm	H6203-0003	H6203-0103	
R-32	500ppm	2,000 ppm	2,500 ppm	H6203-0041	H6203-0141	SC
	1,000 ppm	2,000 ppm	5,000 ppm	H6203-0042	H6203-0142	
R-404A	500 ppm	2,000 ppm	2,500 ppm	H6203-0021	H6203-0121	SC
	1,000 ppm	2,000 ppm	5,000 ppm	H6203-0022	H6203-0122	
	2,000 ppm	4,000 ppm	10,000 ppm	H6203-0023	H6203-0123	
R-407	500 ppm	2,000 ppm	2,500 ppm	H6203-0011	H6203-0111	SC
	1,000 ppm	2,000 ppm	5,000 ppm	H6203-0012	H6203-0112	
	2,000 ppm	4,000 ppm	10,000 ppm	H6203-0013	H6203-0113	
R-454B	500 ppm	2,000 ppm	2,500 ppm	Coming soon	Coming soon	SC
	1,000 ppm	2,000 ppm	5,000 ppm			
	2,000 ppm	4,000 ppm	10,000 ppm			

*Factory default; can be changed through Modbus.

Accessories

DESCRIPTION	PART NUMBER
PRESSURE REGULATOR (0.5 L/MIN, 5/8"-18 UNF)	H0051-2358
MAGNETIC WAND	H1100-1004
CALIBRATION ADAPTER KIT (ADAPTER, TUBING MAGNETIC WAND, EXTRACTOR TOOL)	H1100-2018
EXTRACTOR TOOL (FOR REMOVING SENSOR MODULE DURING REPLACEMENT PROCESS)	H1100-2022