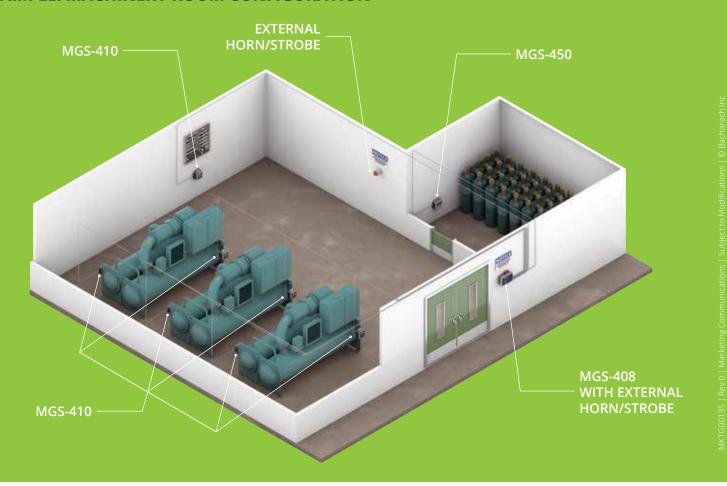
PRODUCT SELECTION GUIDE	MGS-410	MGS-450	MGS-460
IP41-RATED ENCLOSURE (PROTECTED AGAINST SOLID OBJECTS & SPLASHED WATER)		⊘	
IP66-RATED ENCLOSURE (PROTECTED FROM DUST AND HIGH PRESSURE WATER JETS)	\bigcirc	\bigcirc	\bigcirc
DIGITAL COMMUNICATIONS (MODBUS COMMUNICATIONS TO BMS / BAS)	\bigcirc	\bigcirc	\bigcirc
ANALOG COMMUNICATIONS		\bigcirc	\bigcirc
3×RELAYS (CORRESPONDING TO LOW ALARM, HIGH ALARM AND FAULT)		\bigcirc	\bigcirc
REMOTE SENSOR			\bigcirc

EXAMPLE: MACHINERY ROOM CONFIGURATION



BACHARACH

Pittsburgh, PA USA | Dublin, IRE | Gloucester, UK | Standardsville, VA, USA | Toronto, CAN mybacharach.com | help@mybacharach.com

MGS-400 GAS DETECTION SERIES

for commercial and industrial applications





REFRIGERATION SAFETY COMPLIANCE

has never been more intuitive.

Bacharach offers innovative solutions designed for extreme temperature refrigeration environments, for early leak detection with minimum detectable levels from 1 ppm and a range of instruments for use in compliance and safety applications.

Machinery Rooms

Walk-in Freezers & Cold Rooms

Industrial Cold Storage

Chiller Rooms







INTEGRATED AUDIO-VISUAL ALARMS



MULTIPLE CABLE GLANDS



EASY TO WIRE



LOW TEMPERATURE PERFORMANCE



REFRIGERANT-SPECIFIC SENSORS



MGS-450 Gas Detector

- Integrated audio & visual alarms comply with safety regulations no additional hardware
- Maintains performance in temperatures as cold as -40° F (-40° C)
- IP41 and IP66 rated ABS enclosures available
- Three relays, fully configurable, correspond to alarm thresholds (Hight / Low) and fault status
- Modbus RTU interface, analog, BMS / BAS connectivity



MGS-460 Gas Detector

- Integrated audio & visual alarms comply with safety regulations no additional hardware
- Maintains performance in temperatures as cold as -40° F (-40° C)
- Remote sensor for monitoring for leaks in inaccessible areas
- Three relays, fully configurable, correspond to alarm thresholds (Hight / Low) and fault status
- Modbus RTU interface, analog, BMS / BAS connectivity



MGS-410 Gas Detector

- Integrated audio & visual alarms comply with safety regulations — no additional hardware
- Maintains performance in temperatures as cold as -40° F (-40° C)
- Modbus RTU interface, BMS / BAS connectivity



MGS-408 Controller

- Capable of powering up-to 8 gas detectors
- Displays real time data (status / gas measurement) from connected instruments
- Retains alarm & status history of connected gas detectors
- Modbus RTU interface, analog, BMS / BAS connectivity



MGS-400 APP

The Bacharach MGS-400 App allows users to configure, maintain and interface with compatible MGS-400 gas detectors. Once a Bluetooth connection has been established, the app replaces the need for specialty training / tools and makes compliance with safety standards (ASHRAE 15, EN 378) easy and effective.

FEATURES & CAPABILITIES:

- Configuration (Rename device, define alarm thresholds, adjust Modbus settings, configure relay behavior and manage analog output settings.)
- Maintenance (Test LED / buzzer function, relays and analog output level.)
- Calibration (View sensor type, serial number and "Calibration Due" timer and initiate zero / span calibrations with customizable field calibration certificate.)
- Intuitive Interface (View current gas measurement and acknowledge alarm / fault status.)

FOR MORE INFORMATION

VISIT MYBACHARACH.COM OR

CALL 800-736-4666 TO SCHEDULE

A FREE CONSULTATION

Available on the App Store and Google Play