



Leak detection

Leak Detection - MGS Controllers



MGS 402



MGS 408

Non-contractual photos

PRODUCT DESCRIPTION

The **Bacharach MGS 402** or **MGS 408** controllers can be used to connect MGS (410-450-460) sensors to form leak detection units for refrigerants, toxic and combustible gases.

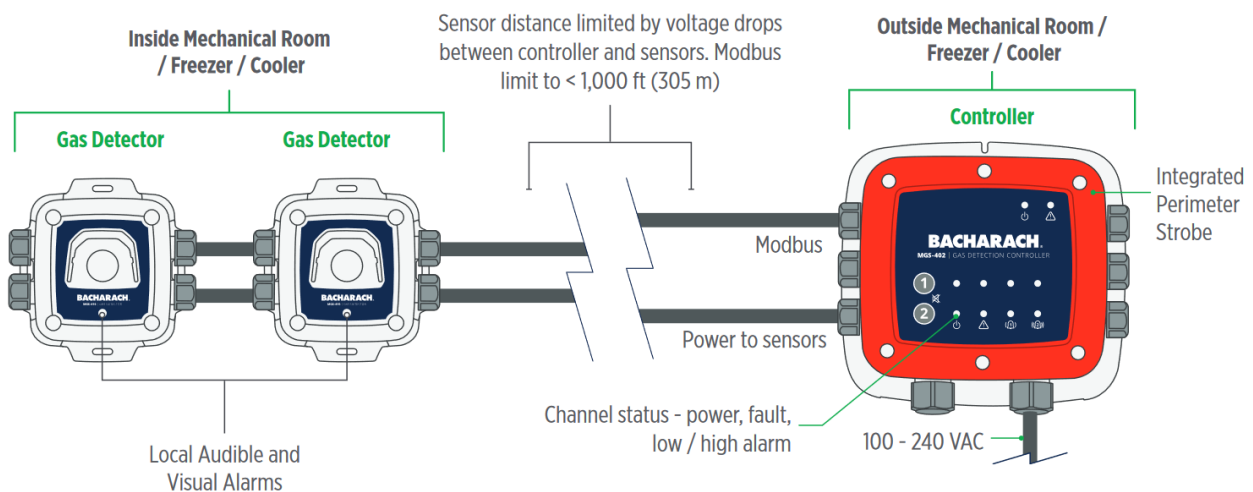
They are equipped with audible and visual (LED) alarms, and three relays to control auxiliary safety systems.

They have Modbus ports for input to the detectors and output to building management systems or PLCs.

They will provide power to compatible detectors connected to them.

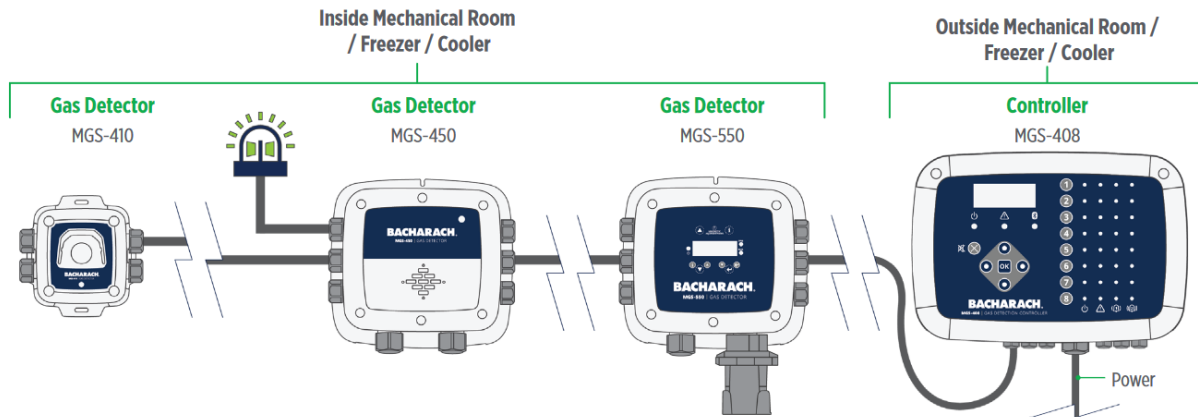
They meet the recommendations of the EN 378 and ASHRAE 15 safety standards for leak detection.

The **MGS 402** controller allows up to 2 **MGS 410** detectors to be connected to form a 2-probe, 2-level detection unit.





The **MGS 408** controller allows up to 8 **MGS 410**, **MGS 450**, **MGS 460** or **MGS 550** detectors to be connected to form an 8-probe, 2-level detection unit.



Feature	MGS 402	MGS 408
Compatible sensors	MGS 410	MGS 410 / MGS 450 / MGS 460 MGS 550
User interface	Push buttons + microswitches	Push buttons LCD display for real-time measurement readout and integrated keypad for configuration of the MGS 408
Power indicators	Green LED for the controller and for each connected detector	
Alarms	Visual LEDs for fault status, low and high level alarms Built-in sound, with the possibility to switch to silent mode	
Configurable relays	1 low level alarm relay + 1 high level alarm relay + 1 fault relay	
Analogue outputs	2 × 4-20mA configurable, 1-5, 2-10 VDC	-
Serial ports	1 Modbus RTU RS485 slave for BMS, 1 Modbus RTU RS485 master for gas detectors	
Logging	-	32 GB SD card
IP 66 enclosure	Yes	No
Power supply	100 - 240 VAC, 50/60 Hz, 20W (max); 24 VDC	100 - 240 VAC, 50/60 Hz, 80W (max.)
Dimensions	165 × 165 × 87 mm ~ 760 g	280 × 215 × 100 mm ~ 1250 g

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