

MVR-SC Gas Detection Controller

100-Channel Controller for Refrigerant Gas Detection



CONTROL AND MONITOR MVR-300 GAS DETECTORS

The MSA Bacharach MVR-SC Refrigerant Leak Monitor provides centralized monitoring and alarming for multi-occupant applications utilizing the MVR-300™ VRF Refrigerant Leak Detector. The MVR-SC continuously monitors all connected gas detectors for alarm and fault conditions, and will provide alerts via the integrated color touchscreen display, integrated buzzer, and on-board relay outputs.

- Centralized monitoring for multi-occupant applications utilizing the MVR-300™ VRF Refrigerant Gas Detector
- At-a-glance visualization of whole system alarm, fault, or connectivity status
- Continuously monitors up to 100 connected devices for alarm and fault conditions, ensuring and warning in case of any disconnect
- Rolling event log of 100 most recent events (alarms, faults, connectivity, etc.) saved to SD card
- 1 Alarm Relay; 1 Fault Relay; automatic system action to be taken for fault or alarm condition via built-in relays
- Self-diagnostics and simple field calibration for easy maintenance
- Commissioning via dynamic device pairing and remote Modbus auto-assign save

Specifications

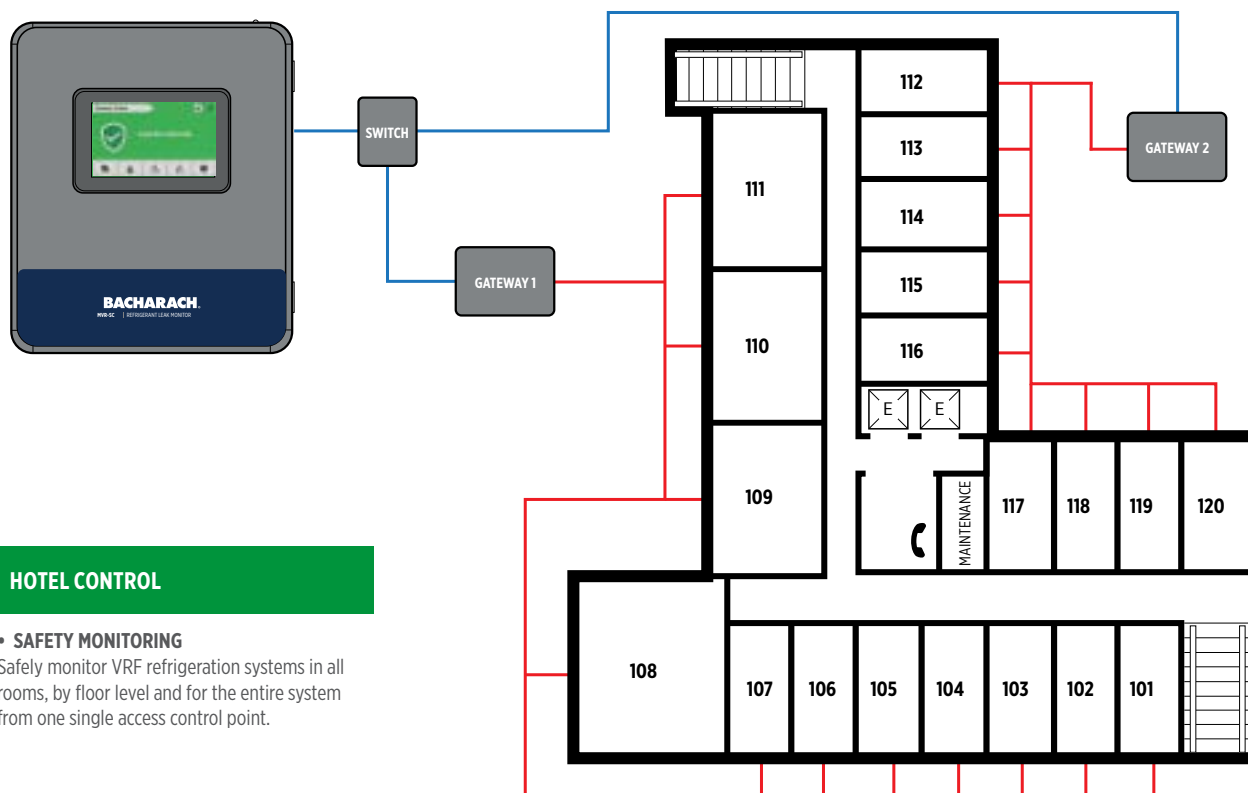
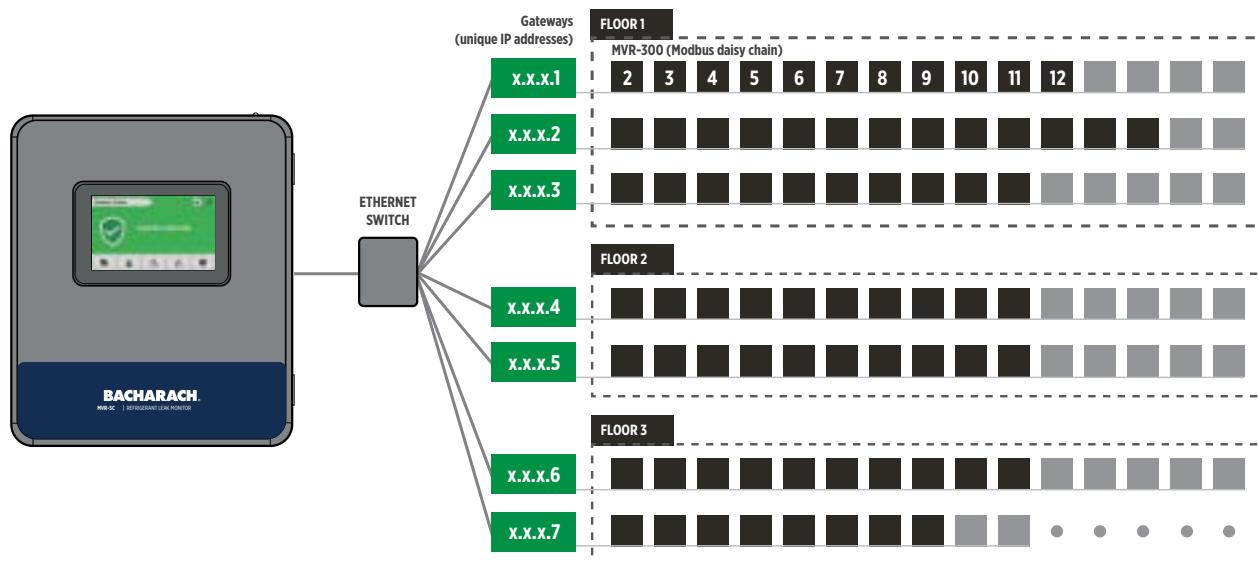
Sensors Inputs	Up to 100
Enclosure Rating	General Purpose
Display Size	5 inch, 800 × 480 pixels
Output	2 x Relays, Modbus
Buzzer Volume	80 dB @ 10 cm
Product Dimensions (L×W×H)	13.56" × 11.43" × 5.46" (344 × 291 × 139 mm)
Product Weight	7.8 lb (3.54 kg)
Product Performance Approvals	CE, UL/CSA/IEC/EN 61010-1
Power	24V DC
Operating Temperature	32 to 122°F (0 to 50°C)
Warranty	1 Year
Part Number	H6702-8010



More Information:

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

SAFEGUARDING PEOPLE, PLACES & THE PLANET.



HOTEL CONTROL

• SAFETY MONITORING

Safely monitor VRF refrigeration systems in all rooms, by floor level and for the entire system from one single access control point.

Accessories

DESCRIPTION	PART NUMBER
MODBUS CABLE (1,000' (304.8 M) POOL OF INDUSTRIAL-GRADE MODBUS CABLE)	H1100-2193
ETHERNET 8 PORT SWITCH (CONNECTS THE MVR-SC AND INDIVIDUAL GATEWAYS)	H1100-2172
MODBUS GATEWAY (EACH GATEWAY SUPPORTS A NETWORK OF UP TO 15 MVR-300 VRF REFRIGERANT LEAK DETECTORS)	H1100-2198
MODBUS EZ-WIRE KIT (PRECISELY STRIPPED, PRE-BONDED WIRE PROVIDES FASTER, MORE CONSISTENT INSTALLATION TO THE MVR-300 MODBUS PORT)	H1100-2190