

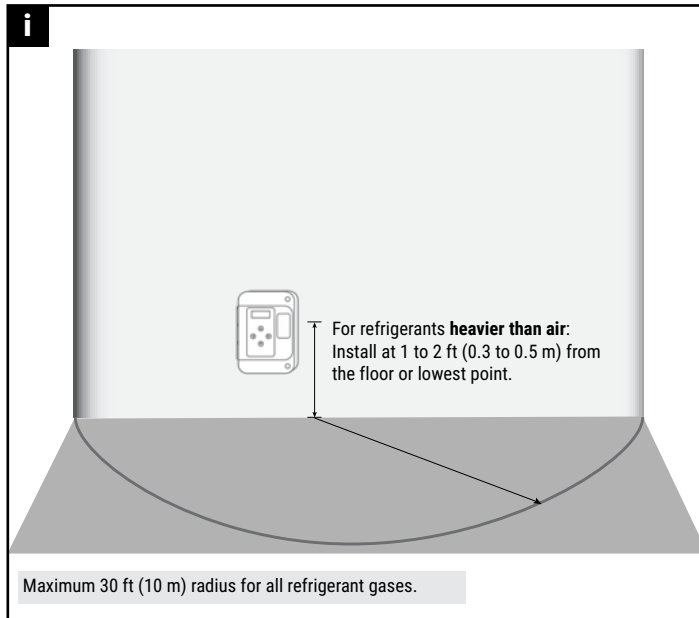
Gas Monitors

Refrigerant Gas Leak Detection



5-year warranty

Scan QR code to view the Operating Manual. See section **3** for installation, section **4** for operation, and section **8** for maintenance.



Important. All wiring must conform to local building codes, regulations and laws. If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired. Refer to the Belimo Gas Monitors Operating Manual section 1.1 Warnings for all safety remarks.

- General:
 - Do not obstruct the gas monitor
 - Do not ground the AC/DC 24 V power supply
 - Use size #6 (3 mm) or #8 (4 mm) screws for mounting
 - At the wiring termination strip 0.32 in (8 mm) of insulation
- Power:
 - Use 18...20 AWG (2.5...0.5 mm²) single pair stranded copper cable for power
 - Maintain the same polarity (AC/DC 24 V) for all devices
 - Use a Class 2 power supply
- Communication (CAN bus):
 - Use 22...24 AWG (0.34...0.25 mm²) 1.5 twisted pair, shielded jacketed, low capacitance stranded cable for communication
 - Maintain the same polarity for all devices
 - Maintain the same baud rate
 - Monitors must be connected in series
 - Switch end of line (EOL) jumpers to "On" on first and last devices on the network

- Wait 60 minutes to allow the gas monitor to fully warm up and stabilize.
- Once the gas monitor is installed in its final location and orientation, press and hold the → button until you reach menu setting 54 (ZeroC) and press the ↑ or ↓ buttons at the same time to do the zero calibration. Wait 2 minutes, then verify that setting 54 (ZeroC) displays a value of "0±10", if not repeat the process.
- By default, this refrigerant gas monitor will detect for R134a. To sense any other refrigerant gas from the list below, press and hold the → button until you reach menu setting 57 (Ref-A) and press the ↑ or ↓ buttons to find the targeted refrigerant. Once the targeted refrigerant is found, press the ← and ↑ buttons at the same time to save. If saved correctly, menu setting 57 (Ref-A) will show ** OK ** and the new refrigerant will be shown.
- Finally, hold the ← button until the home screen is displayed. The targeted refrigerant along with its concentration will be displayed on the screen.

List of User Selectable Refrigerants:

| | | |
|------------------|-------|---------|
| R11 | R407A | R454B |
| R22 | R407C | R455A |
| R23 | R407F | R507 |
| R32 | R410A | R513A |
| R125 | R448A | R1233zd |
| *R134a (Default) | R449A | R1234yf |
| R404A | R452A | R1234ze |

22G21-5C

Transformer 24 V AC/DC
5 VA/3.7 W for each unit
Independent circuit AC 120/240 V

To other units

To other units