

MVR-300 VRF REFRIGERANT LEAK DETECTOR MAINTENANCE NOTIFICATION



The MVR-300 VRF Refrigerant Leak Detector provides continuous monitoring of refrigerant leaks from variable refrigerant flow (VRF) systems in occupied spaces. Bacharach recommends that equipment owners test or recalibrate the sensors in deployed devices every 6 months to ensure optimal performance. The sensors have a 2-year operational life and should be replaced every 2 years.

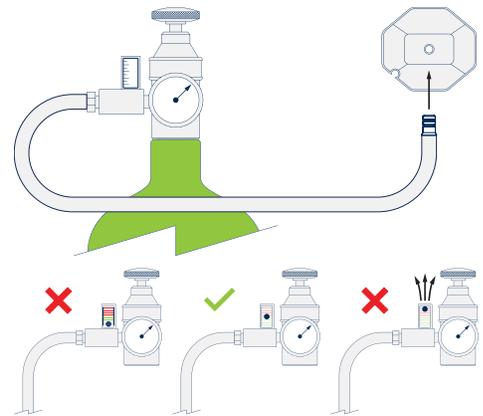
There are two methods for maintaining calibration in your facility's leak detectors:

1. Perform a sensor calibration using a calibration adapter, regulator and calibration gas.
2. Replace the sensor with a pre-calibrated, plug-and-play sensor from the manufacturer.

OPTION 1: CALIBRATION / BUMP TEST

To perform a sensor calibration or a bump test, the following accessories are required:

P/N	DESCRIPTION
1100-2018	Calibration Adapter Kit (Includes extraction tool, magnetic wand & tubing)
0051-2358	Pressure Regulator (0.5 L/Min)
0051-4208*	Calibration Gas - R-410A (2,000 ppm)
0051-4209*	Calibration Gas - R-407c (2,000 ppm)
0051-4210*	Calibration Gas - R-404A (2,000 ppm)
0051-4211*	Calibration Gas - R-404A (5,000 ppm)
0051-4206*	Calibration Gas - R-32 (2,000 ppm)



*Use the calibration gas concentration listed on the label beneath the detector's cover plate.

Please see the MVR-300 User Manual (P/N 6203-9000) for more information about performing calibration or a bump test.

OPTION 2: SENSOR REPLACEMENT

Pre-calibrated sensor modules are available for quick and easy, a plug-and-play sensor replacement.

Target Gas	0 - 2,500 PPM	0 - 5,000 PPM	0 - 10,000 PPM
R-410A	6203-0101	6203-0102	6203-0103
R-407c	6203-0111	6203-0112	6203-0113
R-404A	6203-0121	6203-0122	6203-0123
R-32	6203-0141	6203-0142	6203-0143

Please see the MVR-300 User Manual (P/N 6203-9000) for more information about sensor replacement.

Bacharach recommends the use of a maintenance log to track the maintenance service performed on the MVR-300 refrigerant monitors.

For more information or to discuss which option may be best to maintain your device, please email help@mybacharach.com or speak with a representative by calling 800-736-4666 x 5007 (US), +353 1-284-3888 x 101 (EU) or +1 724-334-5000 (Global).

