



Single-Zone Fixed Refrigerant Monitor

Air Conditioning
and Refrigeration



HGMSZ

For Continuous Single-Point Monitoring of CFC, HFC, HCFC and Halon Refrigerant Gases



Features:

- Small in Size. Big in Value
- Easily comply with ASHRAE 15 Requirements with a low cost investment
- Eliminate False alarms with use of a non-dispersive IR source with sample draw system
- Measures all gases up to 10,000 ppm with a sensitivity of 1 ppm
- Two-year warranty protects your investment

SPECIFICATIONS	NDIR, MULTI-ZONE SAMPLE DRAW SYSTEMS
Measures:	CFC: R11, R12, R113, R114, R502 HFC: R404a (HP62), R407a, R407c (AC9000), R134a, R410a (AZ20), R507, R(AZ50), R508b, (SUVA95) HCFC: R22, R123, R124, R500, R503, R401a (MP39), R402a, (HP80), R402b (HP81), R408a, R409a, R23 HALON: 1301
Inputs	Dedicated Single Zone
Output Signal	3, SPDT, 5 Amp, 240 VAC rated alarm relays and 1, SPDT, 5 Amp, 240 VAC rated system fault relay, plus a Digital Display w/ a dedicated 4-20 mA DC analog output.
Detector Type	Single Pass, Non-dispersive Infrared
Measuring Range	All gases, 0 to 10,000 ppm
Sensitivity	All gases, 1 ppm
Accuracy	All gases, ±10ppm from 0 to 100 ppm, ±10% of reading from 100 to 1000 ppm
Front Panel Display	Green LED indicates when unit is operating properly Red LED indicates when any monitored point is above its alarm setting Yellow LED indicates a clogged sample line or other system fault
Response Time	9 to 30 seconds, depending on tube length (1 to 50 ft.)
Monitoring Distance	Up to 50 feet from measuring point to monitor
Power	100 – 240 VAC, 50/60 Hz
Size/Weight	14" x 18" x 4.5" / 7 lbs

ORDERING INFORMATION

PART NO.	DESCRIPTION
3015-4200	HGMSZ

Headquarters: 621 Hunt Valley Circle, New Kensington, PA 15068 U.S.A.

Phone: 1-800-736-4666 Canada: 1-800-328-5217 E-Mail: help@bacharach-inc.com Website: www.bacharach-inc.com