

Halogen and Ammonia Gas Monitors



Features & Benefits

Application

Capable of detecting 30 of the most common gases

Uses single pass infrared technology

Usability

Can monitor up to 500 feet from measuring point

Customer friendly front panel display

Analysis

Early detection

Active diagnostics continuously check and alert in case of improper operation

Reporting

3 levels of alarms through audio and visual means

200 data point logging feature

- ✓ Feel safe
- ✓ Improved efficiency and lower maintenance cost
- ✓ Immediate response
- ✓ Quick manipulation of settings
- ✓ Extensive gas list and adaptable for customers needs
- ✓ Accurate high measuring range
- ✓ False alarms are substantially decreased

SPECIFICATIONS

PRODUCT	HGMSZ	AGMSZ
DESCRIPTION	HGMSZ single zone monitor (includes 1 termination filter, 50ft. of 304-2742 sample line tubing and 50ft. of 304-2743 exhaust / purge line tubing)	AGMSZ single zone monitor (includes 1 termination filter, 50ft. of 304-2742 sample line tubing and 50ft. of 304-2743 exhaust / purge line tubing)
PART NUMBERS	HGMSZ 3015-4200	AGMSZ 3015-4280
Measures	HGMSZ R-11, R-12, R-22, R-23, R-113, R-114, R-123 R-124, R-134a, R-227, R236FA, R-401a, R-402a, R125 R-402b, R-404a, R-407a, R407c, R-408a, R409a, R-410a, R-500, R-502, R-503, R-507, R508b, H-1211, H-1301, H-2404, N-1230	AGMSZ Ammonia (NH ₃ , also known as R-717)
Inputs	Dedicated Single Zone	
Output Signal	3 SPDT, 3 Amp, 250 VAC rated alarm relays and 1 SPDT, 3 Amp, 250 VAC rated system fault relay, plus a Digital Display w/ a dedicated 4-20 mA DC analog output (floating ground)	
Detector Type	Single Pass, Non-dispersive Infrared	
Measuring Range	0 to 1000 ppm	25 to 10,000 ppm
Sensitivity	1ppm	25 ppm
Accuracy	± 1ppm ± 10% of reading from 0 to 1000ppm	± 20ppm ± 10% of reading 25 - 1000ppm
Front Panel Display	Green LED indicates when unit is operating properly Red LED indicates when any monitored point is above any of its alarm settings Yellow LED indicates a clogged sample line or other system fault	
Response Time	9 to 90 seconds, depending on sample tube length	
Max. Monitoring Distance	Up to 500 feet from measuring point to monitor	
Power	100 to 240 VAC, 50/60 Hz	
Size/Weight	13.7" x 7.7" x 3.6" / 7 lbs.	

ORDERING INFORMATION

PART NO.	DESCRIPTION
304-2742	Sample tubing for AGMSZ
304-2743	HGMSZ Sample/Exhaust/Purge line tubing
3015-3420	Termination filter
304-2743	Exhaust / purge line tubing (note: tubing 304-2742 is required for AGMSZ sample line)
3015-4121	120 VAC surge protector
3015-4122	220 VAC surge protector
3015-4123	4-20mA surge protector
3015-3070	120 VAC external audible alarm
3015-3069	120 VAC external visual alarm
3015-3076	120 VAC external audible / visual alarm

