Model RGi-xx-24

Refrigerant Gas Detector



SPECIFICATION

The 'Aqualarm' RGi-xx24 Refrigerant Gas Detector is comprised of a STAREX General ABS box (SD-0150) housing the electronic circuitry to detect the presence of the nominated refrigerant gas. The alarm threshold can be adjusted via the Control Panel. A red LED will illuminate, and an internal Piezo buzzer will sound, to indicate the detection of refrigerant gas above the set level.
The Detector can detect the following refrigerant gases.
(These are a sample of most commonly used, but others are available)
R-12, R-22, R125, R-134a, R-401a, R-401b, R-401c, R-402a, R-402b, R-403a, R-403b, R-407a, R-407b, R-407c, R-502, R-507, R-410a, R-422d.

Alarm status and monitoring is via a network, using a CAN bus system.

N.B. This model uses semiconductor technology to detect CFC's and HFC's within refrigerant gas. CFC's and HFC's are also present within aerosols and cleaning products.

Data

Normal operating voltage:	24 volts d.c
Quiescent Current:	<180mA. per detector.
Alarm Current:	<350mA. per detector.
Operating Temperature range:	10-100 deg. C.
Refrigerant gases detected:	See above list
Recommended interconnecting cable:	120Ohm 4 core 0.5mm^2 Screened Twisted Pair.
Line-out voltage drop:	1.5mV/m.
Approvals:	BS EN ISO 9001:1994 EMC Directive 89/336/EEC
Dimensions:	Height 86mm Width 82mm Depth 48mm

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