



Specification

The 'Aqualarm' RGi-xx24 Refrigerant Gas Detector shall comprise 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 shall also be incorporated and will glow 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.

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

Data

Normal operating voltage:	24 volts d.c
Quiescent Current:	<180mA. per detector.
Test/Alarm Current:	<350mA. per detector.
Operating temperature range:	10 – 100 deg. C.
Refrigerant gases sensed:	see above list
Recommended interconnecting cable:	4 core 0.5mm ² screened Twisted Pair
Line-out voltage drop:	1.5mV/m.
Approvals:	BS EN ISO 9001:1994