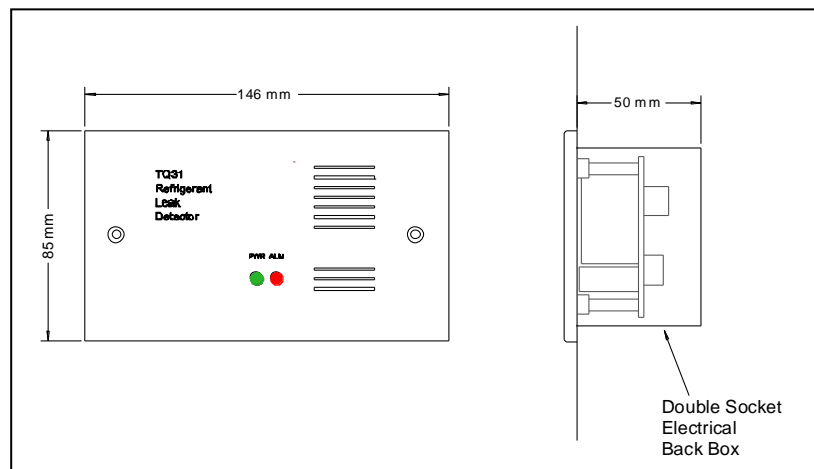
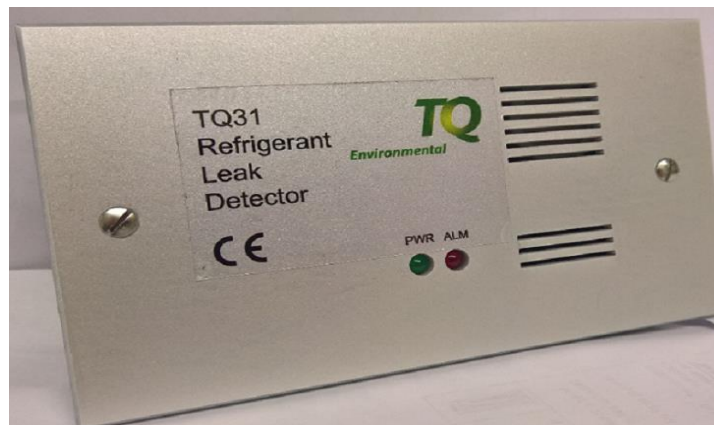


## TQ31 SINGLE POINT STANDALONE REFRIGERANT LEAK DETECTOR

### FEATURES

- Monitors all refrigerant gases typically used in air conditioning systems.
- Standalone sensor for room monitoring, designed for flush mounting.
- Simple installation replaces electrical socket, 220/240v 50Hz mains supply
- Power and Alarm LED's plus internal sounder for local indication.
- Alarm relay output can be used for remote switching of equipment or monitoring.
- Long service life, no in service calibration.



Stand alone, single point refrigerant detector and alarm unit ideal for room monitoring. The **TQ31** is specifically designed to monitor for the build up of refrigerant gases typically used in air conditioning systems.

Resistant to cross sensitivity from hairspray and deodorants so can be used in hotel or office applications.

Designed as a single point, self-contained unit but can be connected to a TQ32 Area Alarm panel for remote monitoring and group alarms.

## Gas Monitoring Solutions

The TQ31 is used to detect the presence of Refrigerant gases commonly used in air conditioning systems.

The discreet, self contained sensor is ideal for room monitoring. Fitted with simple LED indication and internal sounder, which can be disabled when remote monitoring

The sensor can be used individually or as part of a group of sensors monitoring a complex.

The sensors are also available in a wide range of different colours including white and brushed aluminium.

Groups of sensors can be connected to a TQ32 Area Alarm panel, situated conveniently on each floor for example, for group indication and room identification.

If required several TQ32 Area Alarm panels, covering individual floors can be linked to a central TQ34 Indicator panel to raise the alarm at a reception desk or security station for example.

TQ Environmental Limited, operate a policy of continual product development which means the specification is subject to change without prior

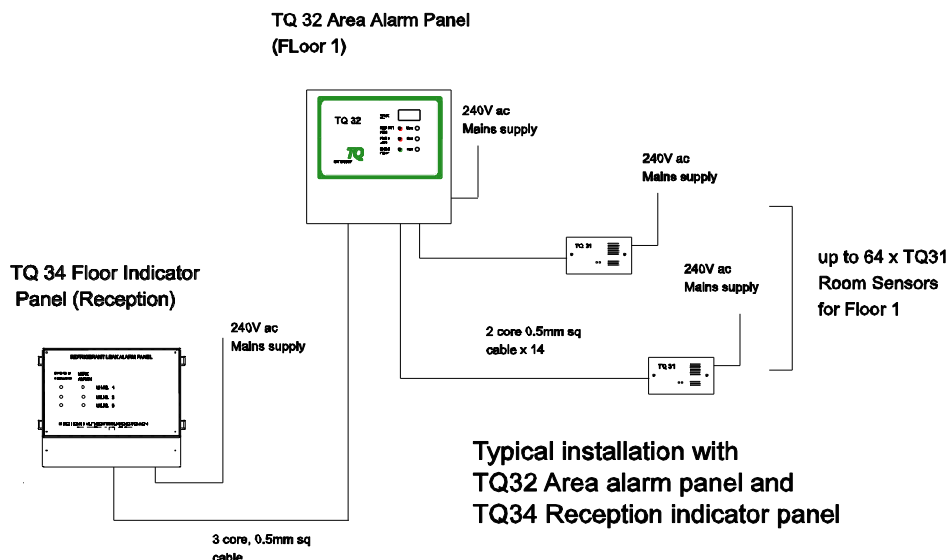


Cert No. LRQ 0958602

D1-GD31-1216

### SPECIFICATION

Dimensions	H 85 x W 146 x D 50 mm
Mounting method	Flush mounted double electrical socket
Temperature range	-10° / +40° C Non condensing
Gases detected	Halocarbon Refrigerants, Typ. R134a, R404a, R407c, R410a
Weight	0.3 Kg
Range	10000 PPM
Sensor warm up time	Typically 3 minutes
Alarm level	Factory set , 1000 - 5000
Input supply voltage	220/240v 50 Hz
Power consumption	Typ. < 1.5w
Max switching current	2A
Indicators	Power Led (Green)      Alarm LED (Red)
Sounder ( Selectable )	Piezo Alarm, min, 75dB, 3.2KHz continuous tone
Life expectancy	> 5 years
Warranty	12 Months



### PARTS LIST

310-001	GD 31 Refrigerant Sensor 10,000 ppm. LED alarm and internal sounder, 240v ac.
	Please contact sales@tqenv for further options.

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