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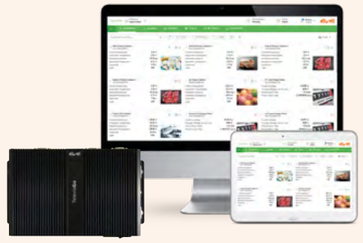
Related products

Control



ColdFace
Full control and great flexibility
for cold rooms.

Monitoring



TelevisGo v10
Remote maintenance
and local monitoring.

Digital Academy

More information about LKD and all resources to learn, choose and use Eliwell refrigeration solutions are now available on a dedicated portal. Increase your competencies today, everytime from everywhere!

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LKDNext

Refrigerant leaks detection

> Multi gas detectors for flammable, natural, synthetic refrigerants
> Compatible with Eliwell Air App for quick and easy configuration
> EN378 compliant

www.eliwell.com

Refrigerant leaks detection

LKDNext

Why is a leaks detector needed?

Remote refrigeration systems lose an average of 15% of gas every year causing a decrease in efficiency and creating the risk of system shutdown.

Several of the gases in refrigeration plants are dangerous to people.

Most of the gases in refrigeration systems have adverse environmental effects. Please, keep refrigerants in systems without leaks.

LKDNext offers leakage detection while simplifying and enabling compliance with regulations. With a rapid response time, and integrated audio & visual alarms, it helps in reducing the machine down times and the refilling costs.

Main features

Compact size and IP67 enclosure

Suitable for low temperature applications above -40°C

Easy and fast configuration and maintenance with Eliwell Air App on site



Multi gas technology with low quantity of part numbers

Embedded visual LED and audible alarm buzzer with button for alarm reset

Built-in and remote type of sensors

Plug&play spare sensor

Choose your model

Part number	Sensor mounting	Refrigerant group	Range	Sensor technology	Sensor operational lifetime
LKDN67IR00BSK	Built-in	R744 (CO_2)	0 - 10000 ppm	Infrared (IR)	7 years
LKDN67IR00RSK	Remote				
LKDN67SC01BSK	Built-in	R32 and mixtures	0 - 1000 ppm	Semiconductor (SC)	5 years
LKDN67SC01RSK	Remote				
LKDN67SC02BSK	Built-in	HFC/HFO	0 - 1000 ppm		
LKDN67SC02RSK	Remote				
LKDN67SC03BSK	Built-in	HC	0 - 4000 ppm		
LKDN67SC03RSK	Remote				
LKDN67EC04BSK	Built-in	R717 (Ammonia NH_3)	0 - 100 ppm	Electrochemical (EC)	2 years
LKDN67EC04RSK	Remote				
LKDN67EC05BSK	Built-in		0 - 1000 ppm		
LKDN67EC05RSK	Remote				
LKDN67EC06BSK	Built-in		0 - 5000 ppm		
LKDN67EC06RSK	Remote				

Options without Bluetooth: same part numbers without the final K

Download Eliwell AIR app

Connectivity

- 1x configurable analog output to represent current gas concentration
- 2x SPDT relays to inform about warning and alarm status
- Embedded Modbus serial
- Compatible with TelevisGo and Refrigeration Expert monitoring systems
- Compatible with Eliwell AIR app via Bluetooth connection

Applications



Supermarkets, C-Stores

Refrigerant leak detection can enhance efficiency and sustainability and reduce repairing costs.



Walk-in freezer, Cold Rooms

Refrigerant leakage is a key topic for human safety. LKDNext solution is fundamental for enclosed spaces that may create a risk of asphyxiation.



Compressor Racks

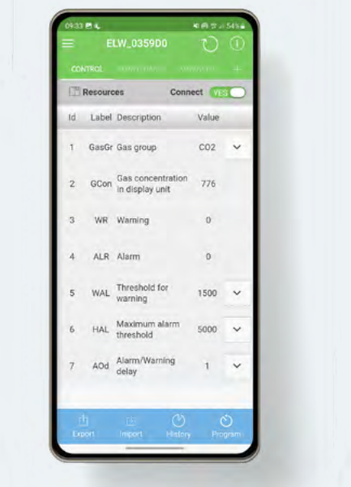
Cost-effective leak detection is typical for applications that need automated systems to be compliant with F-Gas or EN378 regulations.



Warehouses

Industrial cold storage facilities commonly using Ammonia need a dedicated leak detection solution, to minimize toxicity and explosion risks.

Connect to LKDNext with Eliwell AIR app



1. **Easy commissioning**
2. **Real time monitoring** of device: refrigerant concentration, thresholds, warning and alarms status.
3. Multiple andcustomizable **user profiles**