

Refrigerant gases

Be aware of Leaks in Refrigerant Gas Systems

Refrigerants

R134a

R410a

R123

R1233zd(e)

R22

R514a

And more ...

What is Refrigerant Gas

A refrigerant gas is a chemical compound that is used as the heat carrier, which changes from gas to liquid and then back to gas in the refrigeration cycle.

Refrigerants are used primarily in *refrigerators/freezers, air-conditioning, and fire suppression systems.*

Where to find them?

They are usually found on plant rooms and chiller plants



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Be aware of Leaks in Refrigerant Gas Systems

Install a Leak Detection System to meet:



Safety

An installed refrigerant gas leak detection system ensures that workers are not overly exposed to toxic refrigerant gases.

Regulations

Australian Standards 5149 and any relevant building regulations.

Unexpected Costs

An installed refrigerant gas leak detection system can help prevent uncalled for expenses.

Inspections and Maintenance of the system

Implementing a maintenance schedule and keeping the equipment clean, will ensure the maximum life span of the system.

We recommend a 6-month function test and an annual certified calibration of the detectors.