



Protecting our environment. Caring for your needs





PROFILE

We have been established for over 19 years and have evolved to become one of the market leaders in refrigeration controls, leak detection and energy reduction initiatives. Quite simply we offer an extensive range of carbon reduction solutions for refrigeration equipment owners.

Through excellent service, good value, and reliable equipment, we have built up an extensive customer network with sites throughout the UK & Ireland which are supported by our national team of field service engineers.

DID YOU KNOW?

15% loss of refrigerant results in a 100% increase in energy consumption.



Customer Portfolio

Our customer portfolio is diverse and reflects the extensive application of refrigeration products in society today. Industry sectors where our products and services have been utilised include Chilled & Frozen distribution centres, Supermarkets, Hotels, Banks, Pharmaceutical storage/manufacturing, Hospitals, Ships, Food Production & Industrial processing. Wherever there is a refrigeration application there is an opportunity for our products and services.

A Fully Comprehensive Service

With a nationwide team of field service engineers we are able to offer installation, commissioning, maintenance and service support for our products. In addition to our standard range of products we offer custom design services and third party supplier products where applicable. Our project managers can provide turnkey solutions to enable clients to manage their business whilst we undertake modifications and enhancements. This combination of service is complimented with contractual and commercial expertise providing a bespoke turnkey offering.

As a company our direction and focus are towards innovation, environmental concerns, and strategic client partnerships. We strive to be the market leaders of our field, bringing together one common goal, 'protecting our environment, caring for your needs'.

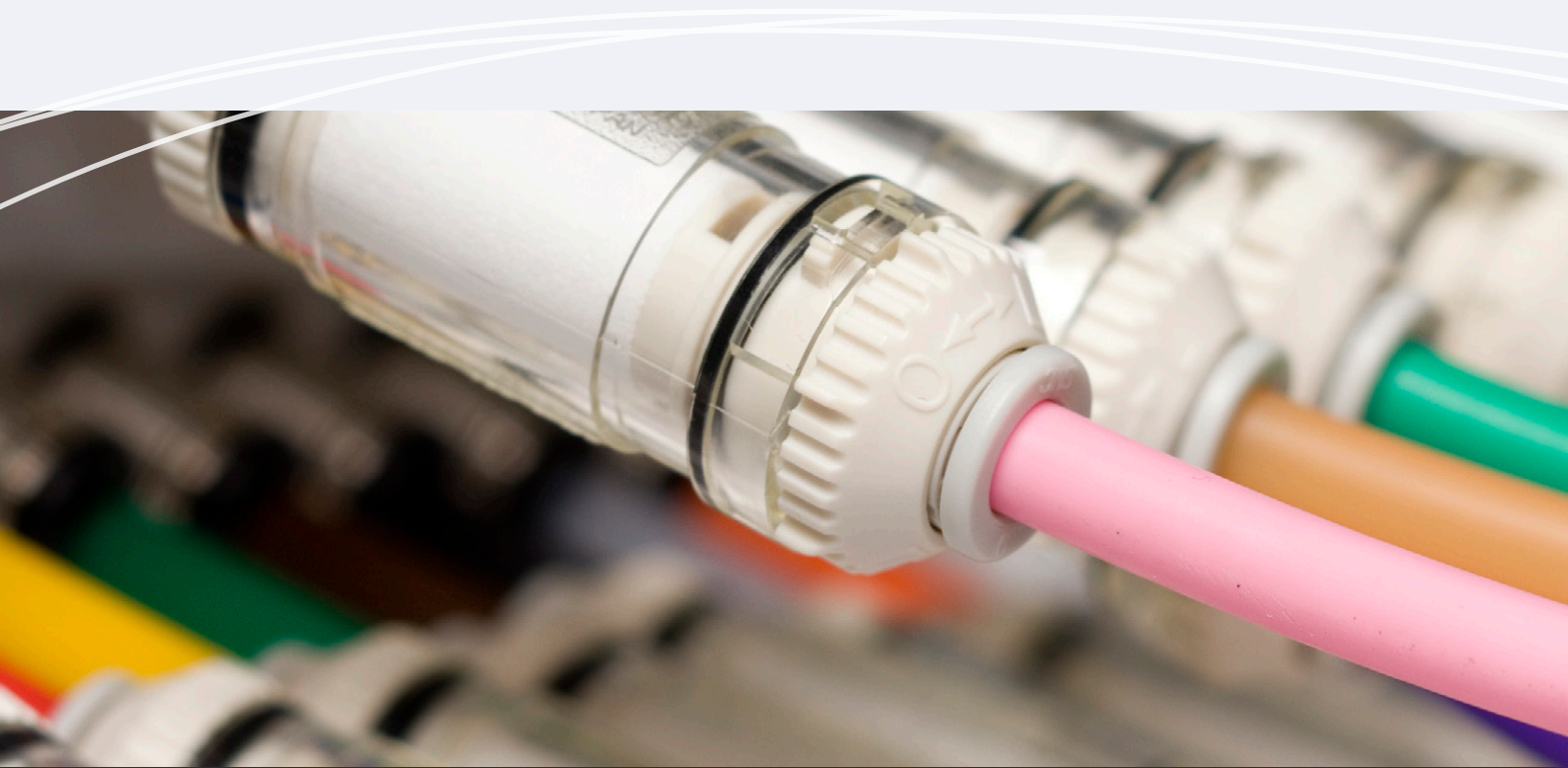


BENEFITS

Cost Saving

We recognise that early identification of small refrigerant leaks reduces the cost of having to replace lost refrigerant. Early warning alarms and data logging reduce the emergency service repair costs associated with finding and repairing refrigerant leaks. Our gas detection systems reduce the possibility of production downtime or sales and help protect against expensive stock losses due to plant failure. Additionally, our systems assist in prevention of injury to site personnel or the general public and provide greater protection against expensive injury claims.

Our extensive range of bespoke electronic controls and refrigeration plant products can also reduce energy consumption and associated costs by preventing high energy usage due to inefficient refrigeration or HVAC systems.



Energy Efficient Solutions

We offer a service that utilises our expertise and extensive product portfolio. All of our products are designed, manufactured and tested using the latest technology and the highest quality components. This offering gives our clients a cost effective, efficient and sustainable solution.



Legislation & Regulations

Our products all conform to European standards and our team are familiar with the associated legislation and best practises. EN 378, F Gas directive, Health and Safety guidelines and BREEAM can be a minefield to the uninitiated so consultation is advisable.

Due Dilligence

It is an employer's responsibility to ensure the safe well being of their staff and the public. Leaking refrigerants can be lethal not only due to narcotic or asphyxiation effects, but also in some cases they can produce potentially explosive mixtures. The sensitivity and accuracy of our products ensure detection at the earliest sign.

Any commitment to reducing your carbon footprint can only be viewed as a positive step. The adoption of a leak detection system can bring significant benefits:

- ✓ Compliance
- ✓ Public Profile
- ✓ Protection for personnel & customers
- ✓ Cost savings
- ✓ Increased efficiency

DID YOU KNOW?

F-Gas now states if you operate stationary refrigeration or air conditioning equipment, you are now legally obliged to prevent leakage.

ENVIRONMENT

Environmental Issues

All businesses whether large or small have a moral obligation to assist with reducing damage to the environment.

Fluorinated refrigerant gases are widely considered to be a major cause of damage to the Earths' ozone layer, and energy wastage increases the "greenhouse effect" to our atmosphere.

With increasing scrutiny from the general public, environmental groups and governments, all businesses are urged to rubber stamp their commitment to environment protection issues.

DID YOU KNOW?

The environmental impact of 1kg R404A refrigerant leaked into the atmosphere is equivalent to the exhaust fumes from a family saloon car driven 10,000 miles.



Refrigerant Loss

Refrigerant leakage to the atmosphere can result in product loss, causes systems to operate inefficiently and is detrimental to the environment.

Some refrigerant gases are also toxic in sufficient concentration.

Equipment owners will incur service costs to locate, identify and repair the leak as well as replacement refrigerant. Many of the commonly used refrigerants have very high Global Warming Potential (GWP).



Energy Reduction

Significant energy reductions can be achieved in many refrigeration systems through a combination of initiatives. By replacing inefficient equipment, improving control and optimising performance many of our customers have witnessed energy reductions in excess of 30%.

Typically we undertake turnkey energy reduction solutions for our customers to enable them to focus on their key business. We have a portfolio of products combined with significant experience to offer customers with the desire to reduce their energy bills and increase profits.

Carbon Reduction

The carbon footprint for companies who use refrigeration equipment is based upon the direct impact of Co2 emissions from the power to run the equipment as well as the secondary impact of refrigerant leakage to the atmosphere. Reducing your carbon footprint will have a positive and direct impact on operating costs as well as helping the environment.

We offer a range of products and services to enable refrigeration system owners to reduce their CO2 emissions and lower their running costs.

We offer a range of fixed and portable refrigerant detection equipment so leaks can be identified and pinpointed quickly to minimise consequential issues.

Full Turnkey Service

We recognise that there are many factors to consider when choosing a solution for your refrigeration system. We at CPC (UK) offer a full turnkey service with a highly qualified and dedicated team to assist you all the way.

- ✓ Design
- ✓ Installation
- ✓ Manufacture
- ✓ Commissioning
- ✓ Project Management
- ✓ Service & Maintenance



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