

The R22 Business Plan

R22, what is it?

R22 is a refrigerant gas which is commonly used in refrigeration and air-conditioning systems and is Ozone Depleting. Under EC regulations on Ozone Depleting Substances (2037/2000), a ban on the use of all HCFCs, including recycled R22 refrigerant from 1 January 2015 is being implemented.

Why is this important?

This means that the only source of R22 gas available in the market to service your installed equipment will be recycled, which will become more and more expensive as it becomes less available.

A further major issue is the availability of spare parts for R22 equipment. Leading manufacturers will reduce their parts holding programmes which will make the repair of existing R22 equipment more difficult. Manufacturers will generally only guarantee product support for ten years and the last supplied R22 AC systems are now almost ten years old.

How ID HVAC & Energy can help

ID HVAC is helping organisations to creating a simple to manage business plan to ensure compliance with the new legislation. This includes:

- A detailed survey of the installed equipment and its likely lifespan;
- An assessment of the options available to a customer which include replacement, refit or retrofit;
- Bespoke storage of recovered gas for each customer's use on their other or the same site;
- Recovery of spare parts from components replaced to address the increasing risk of unavailability of spares from manufacture;
- Safe disposal of any extracted R22 refrigerant

Energy Savings

The average commercial building uses 50% of its energy heating and cooling itself.

New HVAC systems can be over 60% more efficient than existing old systems, bringing considerable energy savings to customers. By incorporating new systems into the R22 programme, a new air conditioning system may represent the best long term investment to a customer and reduce the cost of installing aging equipment.

ID HVAC will calculate the likely savings, CO₂ reductions and the payback period on such new investment;

Funding Assistance

We recognise that the required level of expenditure is beyond the annual budgets of many companies and competes with other business requirements for expenditure, for example on business development.

ID HVAC & Energy has put together a unique funding programme to help customers to spread the costs of the replacement programme. This includes:

- A fully managed scheme which addresses all of the matters noted above. As part of this scheme we may be able to offer a **fully comprehensive** package of service and maintenance on your old equipment whilst it is in the process of being upgraded;
- A **bespoke loan scheme** which we will develop in conjunction with each customer based on the timings and amount of their requirement and their ability to pay;
- As an example, we could spread the costs of a two year upgrade programme into a five year, fixed amount repayment plan which includes comprehensive service and maintenance on all equipment.

