

Important Information

R22 The Banned Refrigerant Gas



What the ban means to your business

It is important to keep all of our customers abreast with industry regulations that affect their business. One such matter is the phase out of R22 refrigerant gasses that were used in old air conditioning systems. From the end of 2014, the EU Regulation 2037/2000 R22 Phase Out was fully in place. This means that it is now unlawful for anyone to recharge their air conditioning system containing R22 refrigerant.

However, Spheretech believe that their customers should not have to read through a 16 page (condensed) EU technical leaflet and therefore we endeavour to make the regulations and requirements as clear as possible.



What is R22?

R22 is a common refrigerant gas found in the majority of air conditioning equipment over 8 - 10 years old. After December 2014, the use of any R22 refrigerant became illegal and so it is vital that businesses now think about replacement programmes for their current systems.

R22 Phase Out Time Line:

Stage 1: In 2002, the first stage of the R22 phase out was enforced with a total ban on the supply of new R22 air conditioning systems into the EU.

Stage 2: From 1st January 2010, the next stage of the R22 phase out took effect, making it unlawful for anyone to recharge (refill) an air conditioning system with virgin R22.

Stage 3: From 1st January 2015, the third stage of the R22 phase out was enforced, making it unlawful for anyone to charge (fill) an air conditioning system using reclaimed or virgin R22 gas therefore there is a total ban in force on R22 gas.

5 Good Reasons Why to Changeover

1. New clean energy efficient air conditioning systems can reduce running costs averaging 50% against the older systems reliant upon R22.
2. Repair costs on old systems using R22 have been rising for a number of years and many parts are obsolete causing further issues with R22 systems.
3. The R22 'Drop In' gases that have been used in service and repairs by some contractors are becoming significantly more expensive and manufacturers do not endorse the use of them.
4. New systems can eradicate repair bills as they come with Manufacturers Warranties of up to 5 years.
5. Planning or Acting now provides your business with improved efficiency, lower running costs, warrantied equipment for up to 5 year and reduced CO2 emissions.

Customer Case Study - Connells

Connells, the national estate agency chain asked Spheretech to roll out an R22 replacement programme across 300 of their branches.

Connells decision to implement a rolling program enabled them to spread the capital outlay over a 3 year period. They also anticipate the combined energy usage savings and repair costs they would have incurred by delaying further, would cost the business approx. £400,000!

Supply and Demand

Many companies have already undergone or are in the process of exchanging their R22 air conditioning systems. However we know that there are a huge number of conversions still required. This is based upon an industry estimate of over quarter of a million air conditioning systems in the UK that still require replacement due to containing this banned R22 Gas.

Need Help With a Changeover Plan

If your air conditioning systems use R22 gas or if you don't know if they do and you would like some help, we can offer you a **free audit** of your premises, our audit will identify any replacement requirements including a report of any potential energy savings and CO2 emission reductions. Simply call Spheretech and we will be happy to help.

If you need help with your R22 replacement plan or are unsure if you have R22 gas within your existing equipment, call us today on **01327 810 510**.

Phone 01327 810 510

Fax 01327 811 529

Email info@spheretech.co.uk

Visit www.spheretech.co.uk

Spheretech Limited

Concept Park, Watling Street,
Towcester, Northamptonshire
NN12 7YD

