



A-GAS[®]



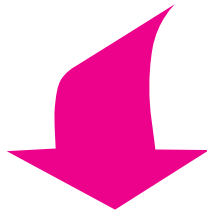
Environmental Services Bristol, United Kingdom

The **A-Gas refrigerant separation plant** is a bespoke engineered solution to radically increase refrigerant reclamation. Situated at our Bristol facility, this plant allows the separation of mixed waste refrigerants that would normally be destroyed at a cost to the customer. It provides A-Gas with the ability to reprocess an increased percentage of waste returned to site.

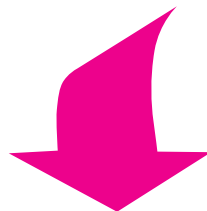
A-Gas has passed this benefit on to customers by **removing all waste destruction fees**, making A-Gas the choice for both value and environmental excellence.

The Refrigerant Reclamation Process

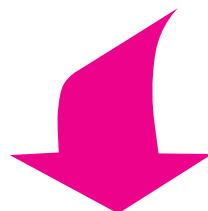
- State of the art Gas Chromatography Mass Spectrometry (GC/MS) equipment tests the purity of returned refrigerants



- Contaminants such as oil, acid, moisture and non-condensables are removed as returned refrigerant is recovered and reclaimed using our reclamation facilities



- Mixed refrigerants are processed into usable fractions utilising the **refrigerant separation plant**



- The A-Gas laboratory checks refrigerants for moisture, residues, non-condensables and acidity to ensure that once reclaimed, all product complies with AHRI 700 and under EC 1005/2009 can be sold as 'reclaimed' refrigerant

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Environmental Services

Refrigerant Reclamation and Recycling

- A-Gas is the market leader in waste refrigerant processing within the UK
- A-Gas offers complete refrigerant lifecycle stewardship
- A-Gas is fully licensed by the Environment Agency as a waste processing facility
- A-Gas has the highest percentage of returned refrigerants reclaimed using bespoke purpose-built separator technology
- Fractional distillation technology allows separation of formerly unusable refrigerant mixtures
- A high percentage of waste refrigerant from across the EC is either mixed or a cocktail, often without the end user's or operator's knowledge, resulting in lower system efficiency and higher energy costs
- Bulk quantities of mixed waste or inadvertently contaminated virgin refrigerants can be separated quickly and efficiently back to the AHRI standard



- A-Gas has the ability to separate HCFC mixtures such as R408A and R409A and others

Refrigerants can be recovered from:

- Refrigeration and Air Conditioning
- Fire suppression
- Automotive
- Shipping
- and Pharmaceutical industries

... amongst numerous others

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For more information with regard to the range of Environmental Services offered please email info.uk@agas.com or call [+44] (0) 1275 376600