REFRIG HEAL+H CHECK™
Intelligent Refrigerant Analysis

A-GAS®

Full Refrigerant Analysis

As a system owner, refrigeration equipment represents an expensive asset from a capital cost perspective.

The **Full Refrigerant Analysis** kit is designed to provide laboratory analysis of contaminant levels in used refrigerant.

Results are expressed against the AHRI 700 standard maximum contaminant levels which are the internationally recognised 'safe level' for re-use of refrigerant in an HVAC system. This kit will therefore enable decision making on whether refrigerant can be reused or requires recycling/destruction.

Characteristics Analysed

Purity, composition, non-volatile residue, acidity, moisture, chloride, particulates

This kit does not test for Non-Condensable Gas contamination

Usage Instructions

1. To use the Full Refrigerant Analysis Kit, firstly ensure the seal on the sample cylinder is unbroken; never use a kit which does not have a seal or if the seal has been tampered with.
2. Place the Sample Cylinder on a set of scales.
3. Use a new, clean refrigerant hose to connect the cylinder to the vessel containing the refrigerant requiring testing. Always connect to an outlet that will supply liquid refrigerant.
4. Purge the hose with refrigerant from the vessel to the sample cylinder to remove air from the hose.
5. Use the vacuum to draw liquid refrigerant into the sample cylinder; it may be beneficial to ensure the sample cylinder is lower than the vessel containing the refrigerant to aid transfer.
6. For full analysis a **minimum of 2kg of liquid refrigerant** is required in the sample cylinder.
7. Close the valve of the sample cylinder and **tighten the cap over the valve outlet**
8. **Fill in the information request form** and return to the pocket of the cylinder
9. Return the pack to the wholesaler you purchased it from for return to A-Gas.
10. The Certificate of Analysis for the refrigerant will be provided to you by the Wholesaler you purchased the Full Refrigerant Analysis kit from.

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Disclaimer

The Customer is solely responsible for ensuring that the correct sampling procedures are followed in collecting the samples of refrigerant. A-Gas does not accept any responsibility for ensuring that the correct sampling procedures were followed. The Customer acknowledges that A-Gas will not refund any amount paid for this service where incorrect sampling has occurred resulting in either sample contamination or insufficient sample being received with which to conduct the analysis.

Convenient • Simple • Transparent