

Information Sheet: AK Flush

Summary

AK Flush has been designed for flushing refrigeration and air conditioning systems to remove contaminants reducing the potential of future system failures.

It is also ideal for system flushing when carrying out a full retrofit.



Product features and benefits

- The AK Flush cylinder is pressurised to 10 bar with CO₂ which pushes the solvent through the system, removing any residual oil and solid matter.
- A 5kg AK Flush pack is generally adequate to clean a system of up to 15kw (systems with long pipework runs and large diameter pipework may require a larger size of container).
- AK Flush is non-toxic and non-ozone depleting, but it can be flammable under certain conditions.
- AK Flush is non-corrosive to the materials normally used within the refrigeration and air conditioning industry.
- AK Flush is delivered in pressurised cylinders and comes with the required waste container (s).
- The cost of waste destruction is included within the initial price.

Guidance for use

- Ensure all gas and oil has been suitably recovered from the system prior to flushing.
- Do not put AK flush through the compressor as it will remove all of the oil
- Remove the expansion valve prior to use
- Attach the AK Flush cylinder to initiate flow from the highest point on the system (charge through the liquid port of the cylinder).
 - No additional pressure is required to push the product through the lines
- Allow the product to be expelled into the supplied waste container (s), until the ejected solvent runs clear.
- Should a single treatment fail to run clear, repeat the process until the solvent leaving the system is clear.
- Before re-charging the system, ensure the system is purged with oxygen free nitrogen and fully evacuated.
- *If you are working in an enclosed space, we would recommend the use of a respiratory vapour mask.*
- *You should also be mindful of the potential flammability of the product if in an enclosed space.*
- *The above can be negated by working in a well-ventilated area.*

