



Go Green Mission

Why go GREEN?

There are a many important reasons that Whynter is going Green. The most significant being that of preserving the environment's natural resources which is the responsibility of every individual and business.

What are the Whynter Green products?

The Whynter **ARC-12S** and **ARC-14S** portable air conditioners are our new eco-friendly green products.

What makes these products eco-friendly?

The Whynter **ARC-12S** and **ARC-14S** portable air conditioners use eco-friendly R410a refrigerant and lead-free RoHS compliant components.

What are the benefits of the R410a refrigerant?

- Enhanced product performance
- No ozone depleting chemicals
- Increased energy efficiency and product life

R-410A uses a synthetic lubricant that is more soluble so it can mix and circulate more efficiently to keep the compressor and other moving parts lubricated, reducing wear and extending their life. Compressors with R-410A run cooler, reducing the risk of burnout due to overheating. It also allows higher heat transfer, which results in a more efficient operation. R-410A does not contain chlorine, therefore it is not damaging to the ozone layer.

What are the benefits of the RoHS Directive?



RoHS (Restriction of Hazardous Substances)

Although not a regulatory requirement in the US, we have taken our green initiative one step further by making our **ARC-12S** and **ARC-14S** RoHS compliant.

Already in force within the European Union, the ROHS directive is often referred to as "Lead-Free" legislation. This is not completely accurate, because it's coverage does extend to other pollutants as well. The proper name for ROHS is: Directive 2002/95/EC "The restriction of the use of certain hazardous substances in electrical and electronic equipment".

The extraction of these raw materials and their eventual disposal, can cause damage to both the environment in terms of pollution, as well as to human health from occupational exposure and exposure following disposal. The removal of these materials from production will reduce the health risks of exposure.

