



A2L Glossary of Terms

Key Terms	
Term	Definition
GWP	Global Warming Potential (GWP) is the potential for a gas to trap heat in the atmosphere , resulting in climate change.
ODP	Ozone Depleting Potential (ODP) is a number that indicates the level of ozone depletion caused by a substance .
HFC	Hydrofluorocarbons (HFCs) are man-made gasses that are used in HVAC & refrigeration . Examples include R-32, R-125, R134a, R143a, & R152a.
Refrigerant Classification	The first character refers to the level of toxicity (A=lower toxicity, B=higher toxicity). The second character(s) refers to the level of flammability (1=no flammability, 2L=lower flammability, 2=low flammability, 3=higher flammability)
Class A2L	A2L refrigerants are low-GWP, low ODP, & safer alternatives to legacy refrigerants like HFCs and HCFCs. Examples include R-454B, R-32, R454A, R454C, & R455A.
Zeotropic Mixture	A zeotropic mixture (also called non-azeotropic mixture) is a mixture with liquid components that have different boiling points .
Products	The EPA defines products as self-contained equipment that is functional when they leave the factory . Examples include packaged units, ice machines, and dehumidifiers.
Systems	The EPA defines systems as refrigerant-containing components that need to be installed together to operate .
Components	Components include things like compressors, individual condensers, and individual evaporators. These can be installed indefinitely under the new regulations.

