

Ready Together

Navigating the Shift to 2025 Compliant Refrigerant for a More Sustainable Future



At Lennox, you can count on us to make decisions that are good for homeowners and good for the environment. That's why we've updated our entire product lineup for 2025 to use more environmentally friendly refrigerants. This transition is part of the ongoing Lennox commitment to providing the most innovative HVAC systems that maximize comfort and efficiency while minimizing environmental impact.

WHY ARE THERE NEW EPA REFRIGERANT REGULATIONS?

In 2020, as part of a global agreement to reduce greenhouse gasses, the American Innovation and Manufacturing (AIM) Act gave the US Environmental Protection Agency (EPA) authority to regulate hydrofluorocarbons (HFCs) and begin the phase down of refrigerants with high HFCs by 2036. At that time, the current HVAC industry refrigerant, R-410A, was deemed a contributor to global warming and the EPA mandated that manufacturers switch to a refrigerant with a Global Warming Potential (GWP) of 700 or less by January 1, 2025.

The 2025 refrigerant transition is necessary to meet international environmental standards and regulations aimed at reducing the impact of HVAC systems on climate change and ozone depletion. This change is similar to the 1990s Montreal Protocol, which successfully phased out the production and consumption of harmful chemicals to protect the ozone layer. Similar transitions have occurred in other industries, including refrigerators and cars. If you've replaced your car with a more recent model after 2013 or bought a new refrigerator in the last few years, those are likely using low GWP refrigerants.

WHAT DOES LOW GWP MEAN?

GWP (Global Warming Potential) is a way to measure the gases going into the atmosphere and their effect on our planet's temperature. Low GWP indicates a safer gas for the environment. Lennox' 2025 Compliant Refrigerant choices have significantly lower GWP than the previous version.

WHY R-454B FOR WHOLE-HOME SYSTEMS?

When selecting our new, whole-home refrigerant, Lennox considered ease of installation, service, safety, performance, environmental impact and more. We chose R-454B for a number of reasons:

- R-454B is a more sustainable and future-proof alternative to R-410A, with a significantly lower Global Warming Potential (GWP).
- It provides excellent performance for ducted systems.
- Lennox engineers worked to maximize equipment performance and efficiency with these refrigerants while minimizing changes to installation requirements.

ARE THE NEW REFRIGERANTS SAFE?

Yes. While 2025 compliant refrigerants have an A2L classification of mildly flammable, it poses no greater risk than common household products. In fact, there is a good chance that you are already using these refrigerants in newer cars and portable air conditioners and heat pumps. Safety standards for products are top-of-mind here at Lennox. Our equipment has been designed, tested, and certified to meet the latest standards for the more environmentally friendly refrigerants. We have also incorporated additional safety features such as a Refrigerant Detection System that will reduce the refrigerant concentration in the event of a leak. Meaning, you can rest easy knowing your system is operating safely.

WILL THERE BE ANY INCENTIVES OR REBATES FOR UPGRADING TO A NEW SYSTEM?

Yes, depending on where you live, there may be incentives or rebates available to stack and save when you upgrade to a more efficient HVAC system. These programs vary by location, you can easily look up your potential savings at the Lennox Rebate Center.



Scan the QR code
to learn more about the 2025 refrigerant transition
and what it means for you and the environment

