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Notice to Homeowners New Refrigerants for Central Air Conditioning

Attention Citizens of Westland,

In 2025, HVAC manufacturers will transition from using refrigerants like R-410A to new, more environmentally friendly options like R-454B and R-32. This change is mandated by the American Innovation and Manufacturing (AIM) Act to reduce greenhouse gas emissions. R-454B, a blend of R-32 and R-1234yf, is being adopted by all manufacturers.

- **Why the change?**

The AIM Act, as part of a global agreement to reduce greenhouse gases, requires a phase-down of refrigerants with high Global Warming Potential (GWP).

- **What's being phased out?**

R-410A, a widely used refrigerant, is being replaced due to its high GWP.

- **What are the alternatives?**

R-454B, a hydrofluoroolefin (HFO) blend, and R-32 are common choices. R-454B is a blend of R-32 and R-1234yf.

- **Impact on homeowners:**

If your current HVAC system uses older refrigerants like R-410A or R-22, it will not be compatible with the new refrigerants. However, existing systems can continue to be serviced and maintained with R-410A replacement units for the foreseeable future. When it's time to replace your system, it will be a 2025 compliant system with eco-friendly refrigerant.

- **Safety considerations:**

R-454B and R-32 are classified as mildly flammable (A2L). However, they are designed for use in closed systems and are not expected to pose a greater risk than R-410A with proper installation and maintenance.

While it is legal for a Homeowner to Obtain a permit for the installation of HVAC equipment in the home they live in, we do not believe that in most cases a home owner will have the tools or training to install these Air Conditioning systems, for your safety and your families safety do not allow the person you are hiring to convince you to obtain a permit for these installation. The building department will require a training certificate from any homeowner looking to install their own equipment. All the manufactures are only selling equipment to licensed contractors.