



## R-410A Refrigerant Phase-out

**As of *December 31, 2024*, R-410A refrigerant and any equipment that uses R410A is no longer able to be manufactured.**

***Some states/jurisdictions may have a requirement in place that new equipment cannot be installed after December 31, 2024 that uses R-410A refrigerant .***



- ☐ R-410A is the refrigerant that replaced R-22 (commonly known as Freon), in air conditioning, heat pump systems, food service, and lab equipment manufactured after 2009.
- ☐ R-410A refrigerant is a blend of hydrofluorocarbon (HFC) compounds R-32 and R-125.
- ☐ Why is R-410A Is being phased out? R-410A operates at such high pressures, there is an increased risk of an environmentally harmful refrigerant leak during maintenance.
- ☐ The phase out will NOT happen overnight. For most HVAC applications (excluding VRF), the goal seems to be a ban on any refrigerant with a GWP greater than 750 by the year 2025. This would exclude manufacturing equipment using R-410A (GWP of 2088). Much like the phaseout of R-22, the government is taking its time on eliminating R-410A to avoid drastic spikes in costs. The price of R-22 was relatively stable until the complete ban on manufacturing/imports went into effect in 2020.
- ☐ Alternative refrigerants, such as [R-454B](#) and [R-32](#) refrigerant, will be using a phased-in approach. These refrigerants are more sustainable with a low global warming potential (GWP) and zero ozone depletion potential (ODP).
- ☐ What if the AC, heat pump systems, food service, and lab equipment uses an older refrigerant?
- ☐ If your HVAC system still uses R-22 or R-410A, you don't need to replace or stop using your system right away. The EPA's plan to phase out these harmful refrigerants stretches out into the next decade. Thus allowing homeowners to switch to environmentally friendly refrigerants at a time that's convenient for their system.
- ☐ Right now, an HVAC professional with a supply of these older refrigerants can still maintain and service your HVAC system. Keep in mind that the supply of reclaimed/recycled R-22 is dwindling, but the supply of R-410A should be ample for years to come.
- ☐ Some manufacturers have already made the switch, shipping units with these updated refrigerants ahead of schedule. This transition is designed to reduce the environmental impact of HVAC systems, as the new refrigerants have a lower Global Warming Potential (GWP).

**Please contact your HVAC Trade Contractor to confirm equipment.**