

CHANGE IS COMING

And We're Here to Make Sure You're Prepared

We believe building for tomorrow is as important as building for today. The transition to low Global Warming Potential (GWP) refrigerants represents a positive step for the environment, as it significantly reduces the impact of harmful greenhouse gases. We embrace this change, as it aligns with our corporate commitment to reducing our carbon footprint. Our new refrigerant used in our product lines reduces global warming potential by 78%*. That helps all of us reduce our environmental impact and build toward a cleaner future for everyone.

Keeping your teams ahead of the curve

Your Distributor Service Reps and Allied Air team have the tools and resources to help support you through this regulatory transition. The best practices you know for installing heating and cooling systems today are actually pretty similar to what you'll need to do with low GWP systems. Brush up on installation best practices and learn more about what is changing. Updated modules are available through the **Allied Air Academy™** to keep your teams up to date on the latest information.

*Global, national, state, and local GWP requirements may change at anytime without notice.



Built for the Future

The advent of new low GWP (Global Warming Potential) refrigerants marks a significant stride forward in environmental sustainability. These innovative refrigerants not only mitigate climate change by emitting fewer greenhouse gases but also contribute to reduced carbon footprints. At Allied Air, we don't merely adhere to regulatory standards; we pioneer beyond them. Our design philosophy revolves around not only meeting but exceeding environmental benchmarks, ensuring a healthier planet for generations to come.

78% REDUCTION

COMPARED TO CURRENT R-410A REFRIGERANT

This change reduces the GWP rating of the refrigerants used in our products by 78%, greatly reducing the environmental impact of any future refrigerant leaks that may occur.

We're simplifying the transition to new refrigerants by having indoor coils and air handlers that are field-convertible to R-454B refrigerant - ensuring the inventory you have on the ground at the end of 2024 can be used into 2025 and beyond.

Refrigerant detection system (RDS) kits ensure new R-454B systems are compatible with our existing line of furnaces, requiring only an outdoor unit and coil replacement to give you flexibility to meet your customers' needs.

DESIGNED FOR SIMPLICITY AND ENHANCED FOR FLEXIBILITY

Your teams need consistency when it comes to installing equipment. That’s why we’ve made installing a new R-454B system similar with only one extra step if you’ve been following our installation guidelines. We’ve also made several enhancements to make sure you can cover a wide range of installation with as few models to chose from as possible – and help you get in and out faster.

		R-410A	R-454B			R-410A	R-454B
APPLICATION	Perform a proper load calculation.	✓	✓	INSTALLATION	Set equipment making sure all clearance requirements are followed.	✓	✓
	Evaluate duct work to ensure proper airflow. <i>Make modifications if necessary.</i>	✓	✓		Braze line sets following manufacturer’s instructions such as using nitrogen.	✓	✓
	Ensure that the electrical wire and breakers are the correct size	✓	✓		Connect refrigerant detection systems wires according to the manufacturer’s instructions.		✓
	Check to ensure the low voltage wire is the correct size and installed according to the manufacturer’s instructions.	✓	✓		Pull a vacuum on the system being sure to follow manufacturer’s instructions.	✓	✓
	Select proper equipment.	✓	✓		Charge the system according to manufacture’s recommendations.	✓	✓
	Ensure line sets are the proper size and clean. <i>Replace it if needed.</i>	✓	✓		Perform a start-up and document it on a performance check list.	✓	✓

*Assuming all installation best practices are followed