



AIREASE 27A05 Refrigerant Detection System Instructions

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REFRIGERANT DETECTION SYSTEM

What you need to know about field-installed kits

You need flexibility at the jobsite and our innovative multi-refrigerant coils and air handlers provide an easy solution for both R-410A system repairs and R-454B installations. Depending on the job and if the furnace is being replaced, you'll need to ensure you have the right components on site.

Field-convertible Coils & Air Handlers

Convertible coils and air handlers ship to you ready for R-410A installations. Here's what you need to know to convert them to R-454B refrigerant:

1. You'll need a R-454B TXV to replace the factory installed R-410A TXV in the convertible coil or air handler.
2. A refrigerant sensor needs to be installed in the factory installed mounting bracket.
3. Depending on the orientation of the air handler, the mounting bracket may need to be relocated. Units ship ready for up-flow installation.
4. If the job has a furnace that does not have built-in refrigerant detection system controls, or you're using a convertible air handler, you'll need to add external controls to the system.
5. Be sure to apply the supplied R-454B labels once the coil or air handler is converted.
6. Refer to the chart for components needed in different applications.

Furnace or Air Handler Without Refrigerant Detection System Controls	
Multi-refrigerant Coil	27A05 – Non-communicating Controls 27A06 – Communicating Controls 26Z69 – Sensor
Dedicated R-454B Coil	27A05 – Non-communicating Controls 27A06 – Communicating Controls
Multi-refrigerant Air Handler	27A05 – Non-communicating Controls 27A06 – Communicating Controls 26Z69 – Sensor
Dedicated R-454B Air Handler	

Factory-ready R-454B components

When you're installing a dedicated R-454B coil and outdoor unit, coils have a factory installed sensor. For an existing furnace or if the new furnace does not have built-in refrigerant detection system controls, you'll need


external controls.

Air Handlers will ship from the factory with both the refrigerant detection system sensor and refrigerant detection system controls built-in – no field modification required.

Furnace or Air Handler With Built-in Refrigerant Detection System Controls	
Multi-refrigerant Coil	26Z69 – Sensor
Dedicated R-454B Coil	No Kit Needed
Multi-refrigerant Air Handler	
Dedicated R-454B Air Handler	No Kit Needed



Documents / Resources



[AIREASE 27A05 Refrigerant Detection System](#) [pdf] Instructions
27A05, 27A06, 26Z69, 27A05 Refrigerant Detection System, 27A05, Refrigerant Detection System, Detection System, System

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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