

# 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.

### 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 Without Refrigerant Detection System Controls

<b>Multi-refrigerant Coil</b>	27A05 - Non-communicating Controls 27A06 - Communicating Controls 26Z69 - Sensor
<b>Dedicated R-454B Coil</b>	27A05 - Non-communicating Controls 27A06 - Communicating Controls
<b>Multi-refrigerant Air Handler</b>	27A05 - Non-communicating Controls 27A06 - Communicating Controls 26Z69 - Sensor
<b>Dedicated R-454B Air Handler</b>	

#### Furnace or Air Handler With Built-in Refrigerant Detection System Controls

<b>Multi-refrigerant Coil</b>	26Z69 - Sensor
<b>Dedicated R-454B Coil</b>	No Kit Needed
<b>Multi-refrigerant Air Handler</b>	
<b>Dedicated R-454B Air Handler</b>	No Kit Needed