



Air is life. Make it perfect.™



Ready Together

Why Lennox is your perfect partner for the 2025 refrigerant transition

You can count on Lennox to make decisions that are good for dealers, good for homeowners and good for the environment. Dealers are at the heart of all we do, so our goal was to make the refrigerant transition as smooth as possible by introducing coils and air handlers with refrigerant versatility. At the time of initial installation, dealers can convert the Refrigerant Versatile Quantum™ Coils and Air Handlers (-01) to work with R-454B refrigerant by installing a Refrigerant Detection System (RDS) kit. Converting after initial installation violates the safety agency mark and, therefore, voids the warranty.

	What is it?	Benefits
<p>Refrigerant Versatile Quantum™ Coils and Air Handlers (-01)</p> <p>Refrigerant versatility and inventory insurance.</p>	<p>Our Refrigerant Versatile Quantum™ Coils and Air Handlers (-01) are designed to deliver comfort and energy savings, along with the flexibility to transition your existing system to a more environmentally friendly 2025 Compliant Refrigerant.</p> <p>Once dedicated to either refrigerant, the -01 coils and air handlers cannot be retrofitted to work with the other. Converting after initial installation violates the safety agency mark and, therefore, voids the warranty.</p>	<p>Versatility. Built right in.</p> <p>Our Refrigerant Versatile Quantum™ Coils and Air Handlers (-01) have been enhanced to work with either R-410A refrigerant or R-454B when a conversion kit is installed. This gives you flexibility in meeting the repair or replacement needs of your customers, while also allowing you to reduce equipment inventory and save space.</p>
<p>R-454B Dedicated Coils and Air Handlers (-71)</p> <p>Ease of Install. Durability.</p>	<p>Our R-454B Dedicated Coils and Air Handlers (-71) are designed to deliver comfort and energy savings.</p>	<p>Braze-free installation flexibility.</p> <p>Our 2025 compliant systems can accommodate braze-free fittings, giving you greater flexibility when installing.</p> <p>Designed for safety</p> <p>Our 2025 compliant systems are equipped with a Refrigerant Detection System (RDS). A built-in sensor will alert the mitigation control to initiate a flush sequence if a refrigerant leak is detected, ensuring safe operation and peace of mind.</p> <p>Built-in protection</p> <p>The Quantum Coil's distributor tubes are sleeved to protect from any leaks caused by vibration.</p>

Refrigerant Versatile (-01) and R-454B Dedicated (-71) Coil Comparison



Model	CK40CT		CK40UT		CK40HT		CK40DT	
Iteration	-01	-71	-71 Only		-01	-71	-01	-71
Coil Construction								
Coil Position	Upflow		Upflow		Horizontal		Downflow	
Cabinet Construction	Cased		Uncased		Cased		Cased	
Durable, Corrosion Resistant Quantum™ Coil	✓	✓	✓		✓	✓	✓	✓
Factory Installed Thermal Expansion Valve (TXV)	✓	✓	✓		✓	✓	✓	✓
R-410A Compatible	✓				✓		✓	
R-454B Compatible	With RDS	✓	✓		With RDS	✓	With RDS	✓
Sleeved Distributor Tubes		✓	✓			✓	✓	✓
Accommodates Braze-Free Installation		✓	✓			✓		✓

Refrigerant Versatile (-01) and R-454B Dedicated (-71) Air Handler Comparison

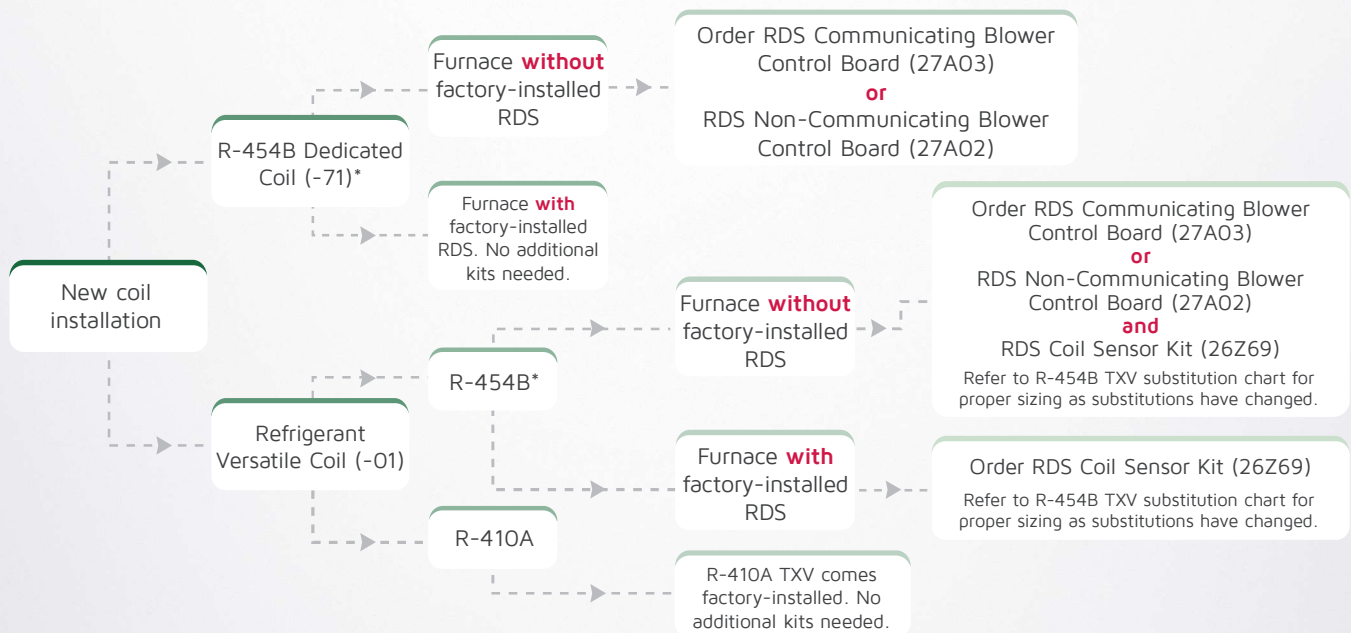
Model	CBK48MVT	CBK47UHET		CBK45UHVT		CBK45UHET		CBK45UHPT	
Iteration	-71 Only	-01	-71	-01	-71	-01	-71	-01	-71
Installation & Servicing									
Antimicrobial Drain Pan	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low Voltage Circuit Protection	✓	✓	✓		✓		✓		✓
Refrigerant Detection System (RDS) Kit	✓	Sold Separately	✓	Sold Separately	✓	Sold Separately	✓	Sold Separately	✓
Refrigerant Versatility		✓		✓		✓		✓	
Accommodates Braze-Free Installation	✓		✓		✓		✓		✓
Factory Installed TXV									
R-410A TXV		✓		✓		✓		✓	
R-454B TXV	✓		✓		✓		✓		✓

Refrigerant Detection System (RDS) Conversion Components*:

- Refrigerant Detection System (RDS) Sensor and Brackets
 - Coil Kit (26Z69)
 - Includes RDS sensor, sensor mounting brackets, A2L refrigerant labeling, and RDS line set sleeve
 - Air Handler Kit (27J27)
 - Includes RDS sensor, sensor mounting brackets, and A2L refrigerant labeling
- Refrigerant Detection System (RDS) Blower Control Board
 - Communicating (27A03)
 - Non-Communicating (27A02)
- R-454B TXV



Low GWP Component Kit Decision Tree: Coils



*For secondary joints, please see the coil installation instructions for additional requirements.

Low GWP Component Kit Decision Tree: Air Handlers

