

Copeland's LXE, R-410A Service Compressors for AC Applications FAQs

With the 2025 shift to A2L refrigerants, Copeland is committed to industry support of R-410A service compressors for existing HVAC system equipment and will continue to provide a complete line-up of R-410A compressors. To support that initiative, Copeland is introducing a new, consolidated line-up of R-410A service compressors.

Q: What are the LXE compressors and how are they different?

A: The LXE offering is a consolidated line of R-410A service compressors that are replacing fixed and two-stage compressors: ZP(S)**KA/KV/K5/K6/K7.

Q: What are the displacements and voltages for these models?

A: The LXE compressors will be replacing compressor capacities between 14K and 61K – all voltages (PFV, TF5, TFD, TFE, PFJ & TF7).

Q: How can I determine what compressor I should use?

A: • Open your Copeland Mobile app and scan or enter your current compressor number
• Review the options available (existing ZP/ZPS inventory and/or LXE models) – Copeland Mobile will offer a comparable model.
• You can also reference with Copeland's Online Product Information (OPI) located at [Copeland.com/opi](https://www.copeland.com/opi) or check with your local wholesaler.

Q: How far off can the capacity be with the new LXE model (drop-in replacement)?

A: Capacity was targeted to be +/- 10% for a drop-in replacement.

Q: How far off is the LRA & MCC with the new LXE model (drop-in replacement)?

A: LRA & MCC must be ≤ 10% for drop-in replacement.

Q: What about efficiency difference?

A: Efficiency was targeted to be within +/-5%.

Q: What about the tube height?

A: The discharge <1" and suction must match.

Q: What about the compressor shell height?

A: It cannot exceed the original.

Q: Were there new UL filings for these LXE drop-in replacements?

A: Yes, LXE was filed as a new platform.

Q: When will LXE compressors become available?

A: The new LXE models will be orderable in October 2024 and delivery will begin in January 2025.

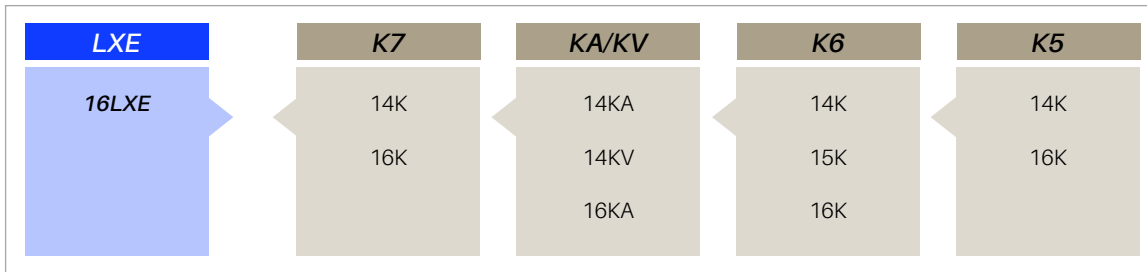
Q: Will I still be able to purchase fixed or two-stage compressors from these platforms: ZPKA/KV/K5/K6/K7?**

A: Wholesalers will be able to purchase from existing inventory, but these models will no longer be produced in 2025. Wholesalers may have some of these models in stock. Copeland mobile can also assist with what's available at your local wholesaler.

Q: What's an example of a compressor platform and how it's changing to an LXE model?

A: Here's an example of a new R410A ZP*LXE-PFV model and the displacement range that it would cover. The K5, K6, KA/KV and K7 models at the right will all consolidate to the **16LXE model**.

**Be sure to check the capacity requirements for your compressor.*



Q: Will Copeland Mobile still provide drop-in replacement for other brands of compressors?

A: Yes.

Q: Is there a marketing bulletin with additional details?

A: Yes, Bulletin No. MB2024CC-74 contains information about the phase down of the current platforms and introduction of the LXE model platform. It also contains a model-by-model shift to the LXE model. It's available on Copeland's OPI or through Copeland Mobile.

Q: Why is Copeland making this change to the LXE platform?

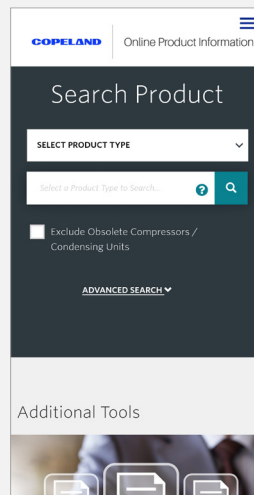
- A:
- Reducing the number of SKUs means stocking fewer models of compressors.
 - Provides easy and faster replacement of current fixed and two-stage compressors.

Where can I find more information?

[Copeland Mobile](#)



[Copeland.com/opi](https://www.copeland.com/opi)



[LXE Information Hub](#)

