

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 the Copeland Mobile app and scan or enter your current compressor model number or use the cross-reference tab.
• 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.

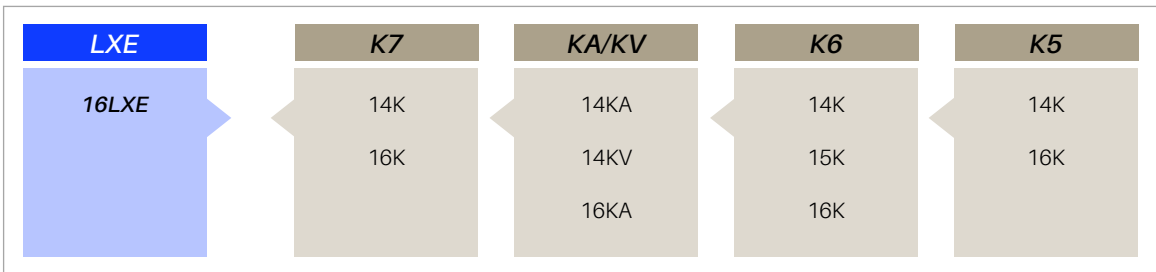
**Q: Will I still be able to purchase fixed or two-stage compressors from these platforms:
ZP**KA/KV/K5/K6/K7?**

A: Wholesalers may still have some of these models in stock until inventory is depleted.

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?

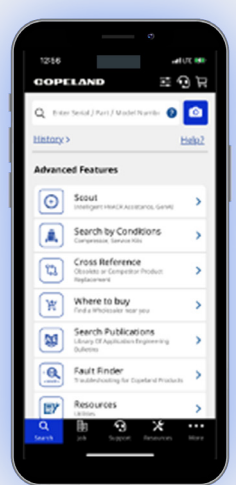
- A:
- Reducing the number of SKUs means stocking fewer models of compressors.
 - Provides easy and faster replacement of current fixed and two-stage compressors.

Where can I find more information?

[Copeland Mobile](#)



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



[LXE Information Hub](#)

