



For Immediate Release

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Carlyle to Showcase New Line of CO₂ and Ammonia Compressors at AHR Expo

CHARLOTTE, N.C., Jan. 16, 2024 — [Carlyle Compressor](#) will introduce a full line of CO₂ compressors at AHR Expo[®] in Chicago from Jan. 22-24. Carlyle's unique new product line includes rotating and reciprocating compression technologies available in fixed and variable speed configurations. Carlyle has been producing refrigeration compressors for nearly 100 years and is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

The latest carbon dioxide (CO₂) product line complements Carlyle's existing CO₂ 06V product. The 06V product has an expanded low and medium temperature operating envelope, making it an excellent fit for single compressor CO₂ sub/trans-critical condensing units.

"There is an across-the-globe engineering effort to move to lower global warming potential (GWP) refrigerants," said Joel Moseley, General Manager, Carlyle Compressor. "This includes interim hydrofluoroolefin refrigerants and increasingly natural refrigerants. Carlyle will release several new products in 2024 in support of our customer's needs for expanded system flexibility and alternate compression solutions."

The use of lower GWP refrigerants supports Carrier's 2030 [Environmental, Social & Governance \(ESG\) Goals](#), including helping customers avoid more than 1 gigaton of greenhouse gas emissions by 2030.

Carlyle is excited to announce the reintroduction of the familiar 5H compressors. The newly tooled products include an enhanced bearing design and upgraded capacity modulation technology. In 2024, the ammonia 5H product line will be expanded to include the largest displacement.

For more information about Carlyle, visit www.CarlyleCompressor.com or booth S7710 at AHR Expo.

**AHR Expo® (The International Air-Conditioning, Heating, Refrigerating Exposition) is a registered trademark of the International Exposition Company, Inc. (IEC).*

About Carlyle Compressor Company

Carlyle Compressor Company is a world leader in compressor technology, manufacturing a broad range of compressors for use in high-, medium- and low-temperature applications in both single and parallel combinations. Carlyle products can be found in applications that circle the globe - from the first nuclear submarine to the local grocery store. Carlyle compressors are supported with sales, service and parts available in more than 800 locations across North America. Carlyle is a part of Carrier Global Corporation, global leader in intelligent climate and energy solutions that matter for people and our planet for generations to come. For more information, visit www.CarlyleCompressor.com or follow [CarlyleCompressor](#) on LinkedIn.