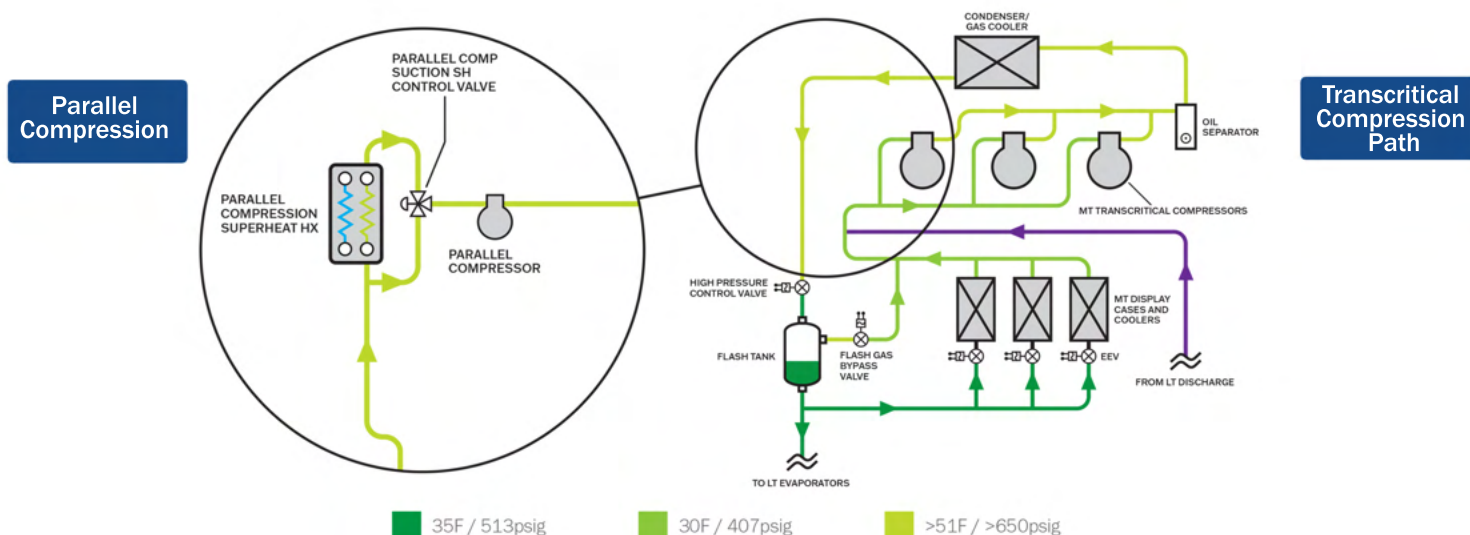


Parallel Compression

Optimized for medium and large store sizes

Flash Gas Management, Boost Efficiency, Cut Costs.

CO₂ refrigeration systems with parallel compression offer enhanced energy efficiency by optimizing compressor operation, reducing pressure ratios, and managing flash gas. This results in lower energy consumption and reduces operating costs, making it a viable solution for various applications.



Why It Matters for Your Store

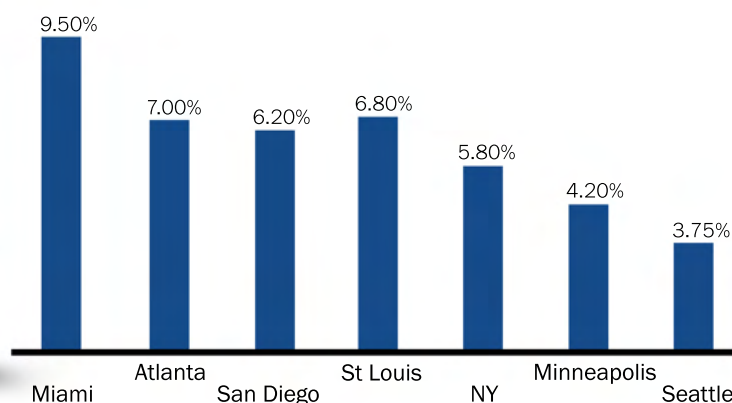
- Parallel compression is most effective in warm climates, improving system efficiency under high ambient temperatures compared to traditional CO₂ systems.
- Energy savings up to 11% by reducing pressure ratios, lowering energy consumption, and operating costs
- CO₂ refrigeration systems with parallel compression are suitable for medium to large capacity applications

- Enhanced efficiency
- Extended equipment life
- Cost-effective solution
- Scalable energy management
- Sustainable refrigeration

Estimated Annual Energy Savings

Parallel Compression with Air-Cooled Gas Cooler

Loads: 762 KBTUH @ +25F / LT: 191 KBTUH @ -21F



Get to Know the Advansor Platform Family

ADVANSOR^{flex} MINI

This small-footprint system features an optional weatherproof enclosure for outdoor placement. The AdvansorFlex-Mini is ideal for phased remodels, small-format stores and stores with distributed refrigeration, including warehouses, club stores, supercenters, supermarkets, drug stores, C-stores and dollar stores.

Applicable Technologies:
CO₂ThermaBOOST™



ADVANSOR^{flex}

This compact system features an optional weatherproof enclosure for outdoor placement. The AdvansorFlex is ideal for small-format stores, phased remodels, C-stores and stores with distributed refrigeration, including warehouses, club stores, supercenters and supermarkets.

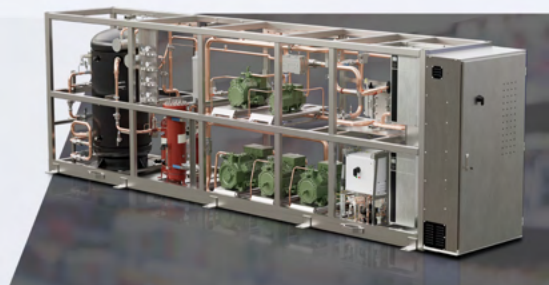
Applicable Technologies:
CO₂ThermaBOOST™
Low Pressure Ejectors



ADVANSOR^{flex} MAX

This high-efficiency system is designed for demanding refrigeration applications. The AdvansorFlex-MAX is optimized for flexibility with multiple compressor and energy efficiency options such as parallel compression and ejector technologies, making it ideal for larger-scale operations like supermarkets, supercenters, club stores and warehouses.

Applicable Technologies:
CO₂ThermaBOOST™
Parallel Compression

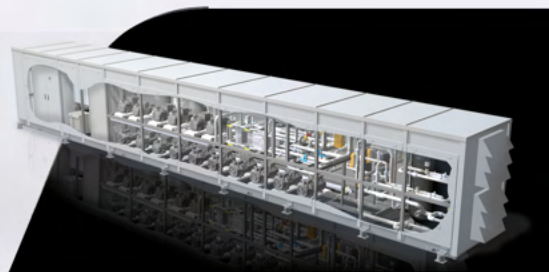


Industrial Refrigeration

ADVANSOR^{flex} ULTRA

The NEW Industrial Advansor Ultra, stands out as the premier choice in CO₂ refrigeration racks due to its unmatched combination of efficiency, reliability, and environmental sustainability. Engineered with cutting-edge technology, Advansor Ultra offers a comprehensive array of standard features and optional add-on components to further improve upon the system's dependable function.

Applicable Technologies:
CO₂ThermaBOOST™
Parallel Compression



All Advansor CO₂ systems feature remote connectivity and integrated receivers.

No matter the size of your store, Hillphoenix has a dependable, scalable, sustainable CO₂ refrigeration system for you. Hillphoenix also provides full-store solutions, including refrigerated reach-in door cases, specialty display cases and more. Explore the possibilities at Hillphoenix.com.

Hillphoenix

a DOVER company