

## CO<sub>2</sub>ThermaBoost™

Optimized for small, medium and large store sizes

CO<sub>2</sub>ThermaBoost™ feature within Hillphoenix Flex Family of CO<sub>2</sub> Racks.

It unlocks a more profitable and sustainable future for food retailers.

By optimizing heat reclaim, this advanced CO<sub>2</sub> refrigeration system lowers costs, improves efficiency, and drastically cuts carbon emissions.



### Why Choose CO<sub>2</sub>ThermaBoost™?

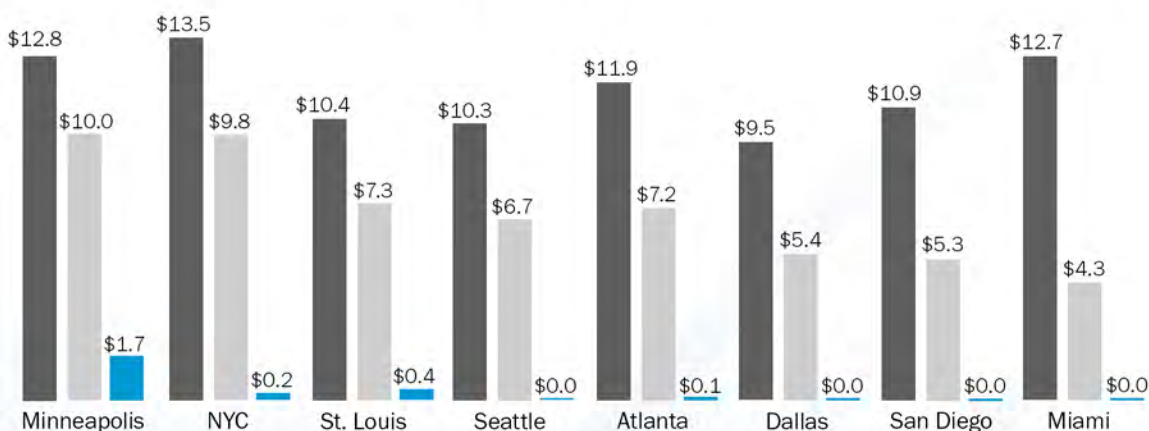
- **Triple Your Heat Output:** Our advanced CO<sub>2</sub> heat reclaim system coupled with an HVAC system with optimized reclaim coils deliver significantly more heat, up to 3 times more than standard coils.
- **Boost Heating Efficiency:** Achieve up to 6 times the efficiency of electric resistance heating and double the efficiency of air-source heat pumps.
- **Cut Your Carbon Footprint:** Drastically reduce or completely eliminate your need for fossil-fuel-based auxiliary heating.
- **Simplify Your System:** Integrate CO<sub>2</sub>ThermaBoost™ directly with your HVAC units and existing Hillphoenix racks.
- **Optimize Air Comfort:** Harness hot CO<sub>2</sub> discharge gas to provide consistent, efficient heating and dehumidification for your store's fresh air supply.

### Heating Cost by Region

Annual Heating Cost in \$'000 by Technology Type Assumes 500 MBH Load and 15k Sq Ft Heated Grocery Area.

- Natural Gas
- R449 Heat Reclaim
- CO<sub>2</sub>ThermaBoost™

Note: This analysis factors regional pricing for natural gas.





# Get to Know the Advansor Platform Family

## ADVANSOR<sup>flex</sup> 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:  
CO<sub>2</sub>ThermaBOOST™



## ADVANSOR<sup>flex</sup>

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:  
CO<sub>2</sub>ThermaBOOST™  
Low Pressure Ejectors



## ADVANSOR<sup>flex</sup> 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:  
CO<sub>2</sub>ThermaBOOST™  
Parallel Compression



## Industrial Refrigeration

## ADVANSOR<sup>flex</sup> ULTRA

The NEW Industrial Advansor Ultra, stands out as the premier choice in CO<sub>2</sub> 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:  
CO<sub>2</sub>ThermaBOOST™  
Parallel Compression



All Advansor CO<sub>2</sub> systems feature remote connectivity and integrated receivers.

No matter the size of your store, Hillphoenix has a dependable, scalable, sustainable CO<sub>2</sub> 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](http://Hillphoenix.com).

**Hillphoenix**

a **DOVER** company