

Hillphoenix CO₂ System Offers Safer Alternative for Cold Storage Warehouse

FACTS

Segment: Food & Beverage Cold Storage

End-User: Private Refrigerated Warehouse Food Distribution

Goals:

- Complete a two-phase cold storage warehouse distribution center build project
- Implement a safe, efficient refrigeration system with an efficient, cost-effective defrost solution

Challenges:

- The end-user wanted to use a natural refrigerant without the safety risks of ammonia
- New to cold storage, the end-user needed help determining a scalable solution for both phases of their build

SOLUTION:

The end-user found their ideal scalable, sustainable solution in a Hillphoenix CO₂ system. Hillphoenix provided design, engineering and installation support throughout both phases of the build, ensuring the end-users had the expert guidance and dependable equipment they needed to meet their sustainability and growth goals.



EQUIPMENT:

- 900-ton low-temp (-20°F) and medium-temp (20°F) transcritical CO₂ system
- Three fully enclosed mechanical centers with adiabatic gas cooling

