



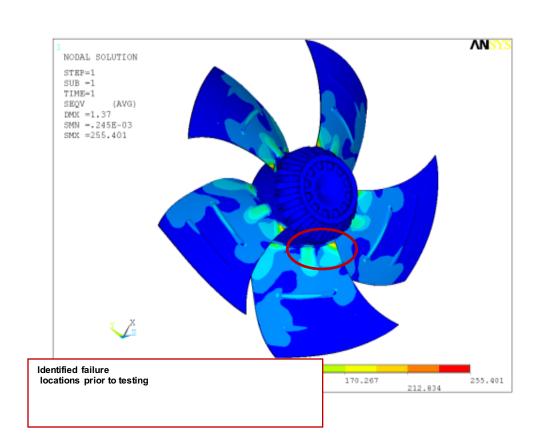


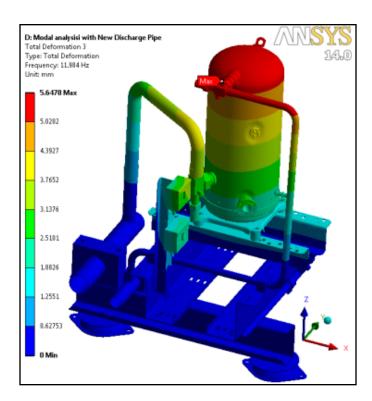
Open Innovation

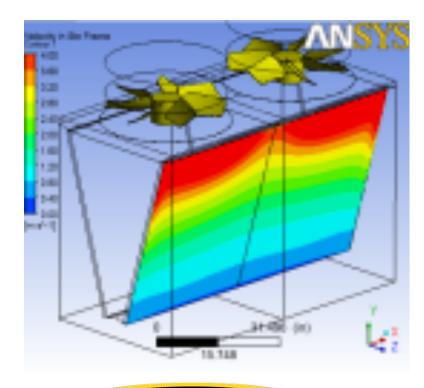
- Support new development through external innovation
- Create development partnerships outside our industry
- Accelerate "time to market" with concurrent/joint development
- Tap into core competencies beyond our own
- Develop new business models that create value

"World Class" engineering development center of Lennox International (LITC)

- Industry leading capabilities:
- -Computation Fluid Dynamics (CFD) analysis
- -Finite Element Analysis (FEA) optimization
- -Mechanical engineering
- -Controls hardware/software engineering
- -Benchmarking / Value Engineering tools











"World Class" product development & testing facilities

- Support customers globally through close collaboration
- Global performance standards capabilities
- Verify and test the latest technologies available
- Verify energy and cost efficiency technologies and components
- Validate components from different suppliers and competing technologies in parallel

Global Test Facilities







- Global designs accessible around the world
- Expandable to meet increasing store loads
- Common component locations
- Multiple options with pre-determined mounting locations
- Standardized design reduces service complexity





Global Product Platforms



Transcritical CO2 Booster Rack







Standard Features

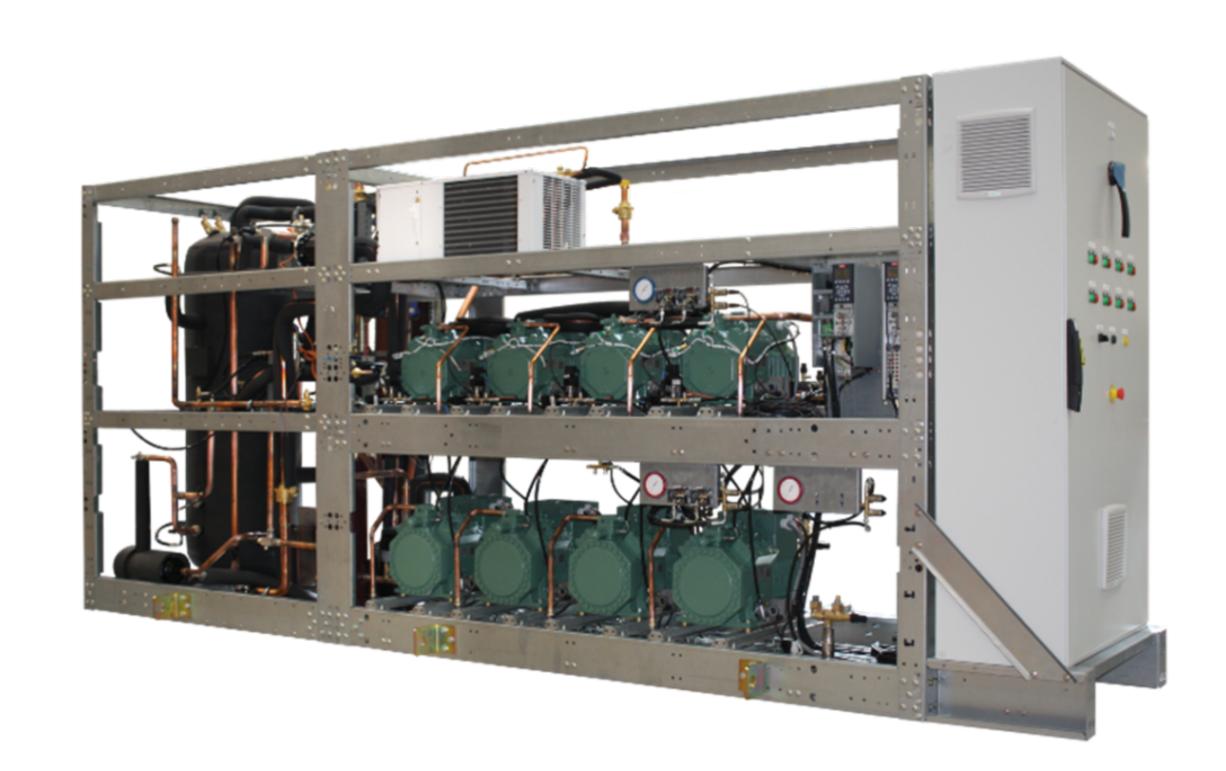
- Semi-hermetic reciprocating compressors
- Electronic oil management system
- Air-cooled gas cooler
- Medium Temperature VFD

Optional Features

- Low Temperature VFD
- Hermetic digital scroll compressors
- Warm climate optimization
 - Parallel Compression
 - Ejector Technology
- Heat reclaim

Benefits

- 100% HFC-FREE, SINGLE REFRIGERANT SYSTEM
- Reduced pull down time compared to HFC DX systems.
- CO₂ is a climate neutral refrigerant









Standard Features

- Self-contained NH₃ rack package
- VFD capacity modulation
- Automatic oil recovery
- Leak detection and purge ventilation
- Emergency pressure control

Optional Features

- Ammonia diffusion system
- Heat reclaim
- Capacity control valve

Benefits

- 100% HFC-FREE
- High efficiency refrigeration cycle reduces energy consumption by 20%
- Environmentally friendly, having zero ODP (Ozone Depletion Potential) and zero GWP (Global Warming Potential).
- Ultra-low charge 1 lb./TR; less than 150 lbs. per system (53 lbs. @ Piggly Wiggly)







Standard Features

- All aluminum coil construction
- Increased primary surface area
- Light weight construction
- Lower overall height

Optional Features

- Variable speed EC fan motors
- Single or Split condenser

Benefits

- Reduced refrigerant side pressure drop
- Corrosion resistant design
- Refrigerant charge reduction
- Reduces structural requirements for support







Summary

- Kysor/Warren and Heatcraft are developing best in class HFC-Free products for the refrigeration industry
- HFC-free display solutions available, to compliment your HFC-free system
- Our global designs are intended to simplify manufacturing and maintenance
- Representatives are here right now, say "hello" and ask them answer any questions you have
- Make an appointment and our sales specialists will help you identify the right HFC-free system for you
- More innovative products are in development to reduce the need for HFC's







natural refrigerants

June 16 & 17, 2016 - Chicago

Thank you very much!