



Advanced Refrigeration Technology

GreenChill Store Certification Program

Travis Lumpkin, P.E.

V.P. Product Development, Systems

706.568.1514 x6485

tlumpkin@kysorwarren.com



Integrity – Customer Service – Stewardship - Teamwork

Enodis®



Refrigerated Systems

- Multi-compressor solutions
- Mechanical & electrical centers
- Remote condensers and unit coolers



Refrigerated Display Cases

- Frozen Food
- Bakery
- Deli
- Specialty Area
- Produce
- Dairy
- Meat
- Floral



ART Qualifying Products



Weather Pack



Compact Scroll System



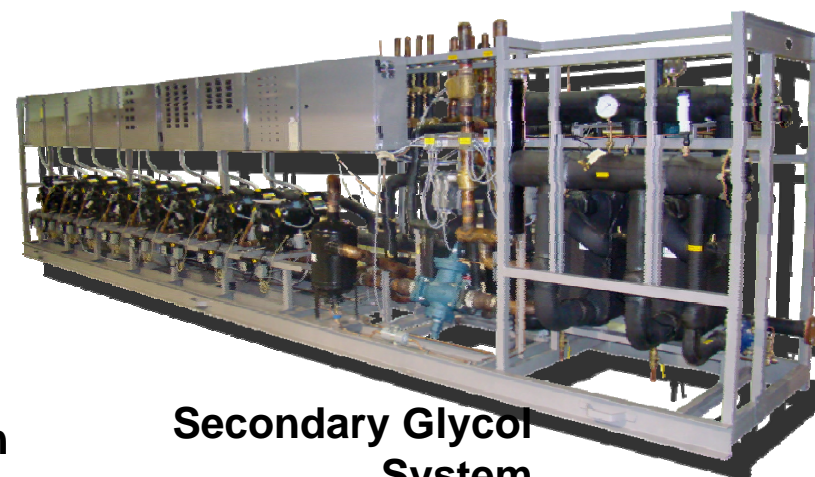
Distributed Scroll Pack



Distributed Scroll System



Glycol Pumping Station



Secondary Glycol System

Distributed Scroll Pack (DSP)

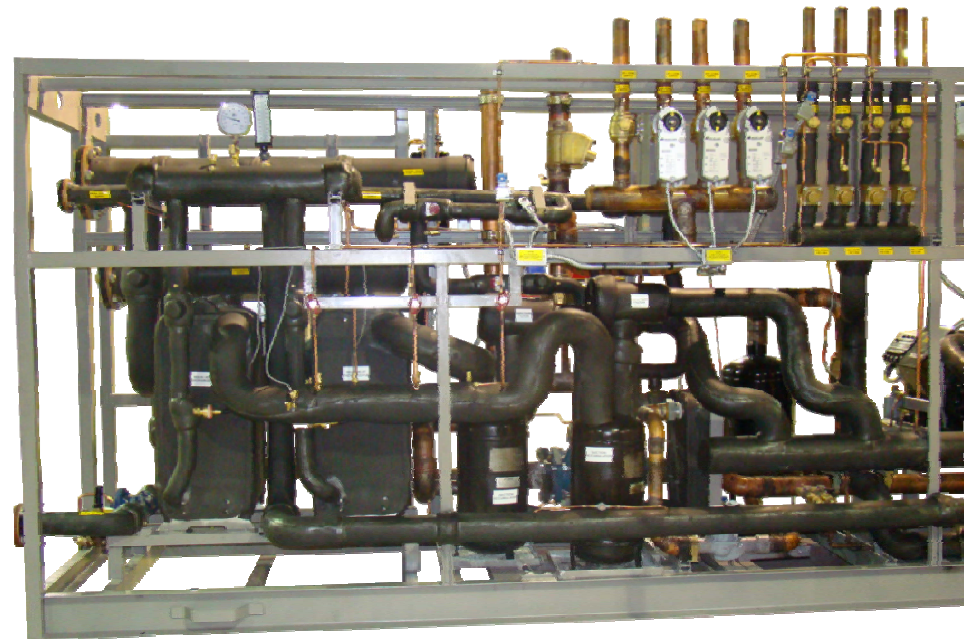
- Average charge reduction per system > 85%*
- Reduce overall store charge > 40%*
- Significant reduction in refrigerant leak potential
- Energy saving features such as:
 - Digital Scroll Technology
 - Variable Speed Condenser Fans



* Comparisons against typical centralized systems

Secondary Glycol Systems

- Average charge reduction per MT system > 65%
- Reduce overall store charge > 50%
- Couple with optimized DX LT or Distributed LT
- Great combination for potential Gold-Level Certification



* Comparisons against typical centralized systems

Future Systems

Natural Solutions
CO₂

- Cascade LT & MT design
- Combination design maintains primary refrigerant charge in back motor room
- Significant leak reduction potential of primary refrigerant
- Advanced technology great for applying for Gold-Level Certification

* Comparisons against typical centralized systems



www.kysorwarren.com

