Challenge:
For their newest location, the owners of Green Sage Café sought an alternative to conventional restaurant refrigeration strategies — one that saved energy and better aligned with their sustainability goals.

Solution:
OEM partner RDT proposed a multiplex refrigeration strategy:

- Based on one Copeland Scroll Digital™ compressor
- Digital modulation capacity from 10 to 100 percent
- Condensing unit located outside the restaurant

Results:
• One compressor for eight refrigeration fixtures with load matching
• Reclaimed heat for restaurant hot water
• Up to 48 percent energy reduction

Food quality, service speed and consistent experiences keep customers coming back frequently.

Restaurant – Green Sage Café
Restaurant serves up vision for green refrigeration

Results:
• One compressor for eight refrigeration fixtures with load matching
• Reclaimed heat for restaurant hot water
• Up to 48 percent energy reduction
• Green Restaurant Association certified

Food quality is a differentiator
Brand reputations are built on the promise of delivering consistently exceptional food and dining experiences.

Protecting food quality and sustainability
Restaurant
Consumers demand fresh, healthy convenience
As consumer preferences evolve, retailers attempt to meet rising expectations with new format and merchandising strategies.

Ensuring human comfort and health
Willing to pay more for healthier foods
Consider food quality, taste and appearance as key dining criteria
Global sales of healthy food products were estimated to reach $1 trillion by 2017

Ingredient-savvy, health-conscious consumers demand fresh, organic and locally sourced foods
61 percent of millennials purchase prepared food at a convenience store at least once a month
67 percent of grocery stores’ perimeter (fresh) categories sales have increased in the last 12 months

Additional Emerson Solutions:
Climate.Emerson.com
Emerson has solutions for critical areas, applications and markets

Food Safety and Quality
• Copeland efficient compressors and refrigeration systems
• Cooper-Atkins temperature monitoring and management
• Dixell parametric, system and facility controls
• Electronics and controls
• Cargo trackers and loggers
• ProAct connectivity and monitoring
• ProAct alarm management and food quality services
• Vilter industrial refrigeration
• REFCON vessel and terminal monitoring

Energy and Sustainability
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FUTURE
TODAY
Harvest
Processing
Transportation
Distribution
End Users
Copeland™ Compressors
and Refrigeration Systems
Vilter™ Industrial Refrigeration
Facility Management Systems and Dixell™ Controls
GO Loggers and Trackers
Cooper-Atkins™, ProAct™ and White-Rodgers™ Temperature Management
ProAct™ Connectivity, Insights and Services
Project Management
End-to-end data, services and insights