

Project:

ALDI

East Syracuse, NY

Background:

Aldi had a need to develop a Generation 1 Green building that would serve as an environmentally friendly prototype for future stores. The 17,500 square-foot store needed to incorporate many energy and cost savings, so the customer turned to Hussmann for a Green refrigeration solution.

Solution:

Hussmann's Protocol distributed refrigeration system provided more energy efficiency than Aldi's traditional refrigeration systems. Protocol saved the store energy now and allowed for easy system expansion in the future. In addition, Protocol substantially reduced the store's overall refrigerant charge and reduced refrigerant leak rates by up to 80%.

"By using the Hussmann Protocol refrigeration system, we have been able to fulfill capacity needs and facilitate growth in a scalable format that allows us to save energy," said Aaron Sumida, Vice President of the Aldi-Tully Division. "In the future, we can add coolers and multi-deck cases and draw off the Protocol system to meet our needs."

In addition to the Protocol system, other Hussmann green products at the new Aldi store include multi-deck display cases with high-performance coils, energy-efficient fan motors and integrated night curtains to save refrigeration energy when the store is closed. Hussmann also provided walk-in coolers with energy-efficient coils and fan motors.

"Hussmann has moved in a green direction, which is a huge factor in the refrigeration industry and enables stores like ours to stay cutting edge," said Sumida. "Hussmann green products allow us to save energy and keep prices lower, giving us a competitive advantage."

Aldi is currently in the process of retrofitting additional stores with Hussmann Protocols. "We're happy with the Protocol system in our prototype building, and we're looking forward to evolving with Hussmann as they evolve to satisfy our needs," said Sumida. "We've worked with Hussmann for many years, and we've always been pleased with the organization's ability to understand our needs."

