



STANDARD REFRIGERATION COMPANY



PROJECT NAME

Standard Refrigeration Company

CLIENT

Standard Refrigeration Company

LOCATION

San Juan, Puerto Rico

MARKET SECTOR

Office

PROJECT COMPLETION

2010

CONSTRUCTION TYPE

New Construction

SUSTAINABILITY

LEED® Platinum Certified

THERMA-FUSER SYSTEM CONFIGURATION

Option 1: Therma-Fuser Stand Alone Diffusers

AWARDS

- First LEED Platinum in the Caribbean

Learn more about this project at acutherm.com



PROJECT DESCRIPTION

Standard Refrigeration Company's former facility was becoming outdated. With real estate costs skyrocketing and subpar shared office and manufacturing space, the mechanical/electrical contracting firm, founded 60 years ago, had to move. Firm officials didn't want to just build a new facility— they wanted a unique, sustainable building and that is exactly what they achieved.

The building received a platinum rating under USGBC LEED for new construction — the first building in Puerto Rico, and the first in the Caribbean, to attain this highest LEED certification level.

The building was able to achieve greater than 60% reduction in energy performance when compared to the base-line established by ASHRAE 90.1-1997 in part by using a highly efficient Therma-Fuser™ diffuser HVAC system.

The energy savings provided by the Therma-Fuser VAV diffusers is complimented by an innovative AHU design that both captures waste heat from the condensers and uses solar heat to assist hot water supply to the re-heat the coils, when required.