

PARTNERS

UNICO Contractor

Sunrise Heating & Cooling
Scott Kelly
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The front of the home

Overview

The Unico System is designed to fit. It's ideal for heating or cooling buildings with:

- Electric Heat
- Hot Water Heat
- Chilled Water Loops
- Steam Heat
- Radiant Floor Heat
- Inadequate or No Ductwork
- Limited Space
- Inadequate Cooling on Upper Levels
- Baseboard Heat
- Radiator Heat

A quiet community in Westchester County, NY, Mount Kisco has about 10,000 residents and about 4,000 homes. Many of these are older, historic Cape homes, which means there is little attic space available for ductwork or an actual air conditioning system. When the homeowners decided to add a new central air conditioning system, the installing contractor was going to have a bit of a challenge.

Strategy

Scott Kelly with Sunrise Heating & Cooling was brought in for the job. Scott has plenty of experience with these types of installations and his product of choice was The Unico System.

For this job, Scott used a Unico 2.5-ton system, which included the Unico blower with the Unico Advanced Control Board and matching coil. Using this system allows more flexibility for zoning, which is something the homeowners wanted. Scott engineered the system so that each floor is its own zone. He also made it possible for the homeowners to have portable control of their zones by using a thermostat controller. No matter where the homeowners are in the home, they have full control of the system and can turn off the bottom floor if they aren't down there, and can do the same for the top floor.

Scott also used 2.5" outlets, which reduced the overall number used by approximately 20%. Scott commented on the outlets saying, "The 2.5" ducts really helped deliver the target air flow needed on this 2.5-ton whole-house system."

Results

The homeowners are very happy with the system. "It works great... And of course it helps save energy." By utilizing The Unico System, Scott was able to fit the system in the very small space above the eave in the attic and provide great comfort and convenience for the homeowners. With other systems, this would not have been possible without other interior modifications.



The Unico blower and coil with the ACB in the attic