

PARTNERS

UNICO Contractor

Sunrise Heating & Cooling
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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

Recent empty nesters, the owners of this large home in Yorktown Heights, NY were looking to upgrade their heating and cooling system. Because there were only two of them in the house though, they didn't want a system that would continuously heat and cool the entire house, especially because most of the time they were using just half the house. After many unsuccessful bids from other contractors for conventional equipment, Sunrise Heating and Cooling came in with a different option —The Unico System.

Strategy

With zoning being an important feature of this installation, Scott Kelly with Sunrise knew this was the perfect situation for the Unico System Green Series. The owners wanted as little equipment running through the house as possible. Because of this, Scott used just one 5-ton unit for the entire home. He also used Unico 2.5" outlets (to get the most with less out of his design) which equates to about 20% less than he would have normally installed.

Using the Unico System also made it much easier to cool the home's great room with its 28 foot ceilings.

The Green Series was used with a 16 SEER condensing unit. This means greater efficiency to go along with the superior performance of the Green Series. Scott used Honeywell zoning dampers to make the two zones in the house. In fact, this was Sunrise Heating's first single system zoning job simply because of the Green Series' excellent zoning

capabilities made it so easy. By using a laptop attached to the Green Series S.M.A.R.T. control board, Scott was able to completely customize the air flow for what the homeowners wanted.

Results

The homeowners are ecstatic with their system. They were able to get the zoned system that they were looking for and they also got it from the least invasive system possible. Had they went with two systems, the homeowners would have made a larger investment and add soffits in their basement. The Unico system gave them everything they wanted and they went on to say "I could not be happier with the new air conditioning system and the excellent work by Sunrise. The small vents do not detract from anything architecturally and the performance is exactly as desired. Sunrise was excellent as well. They were professional, quiet, efficient and made no mess at all. Scott Kelly, worked with me all the way through the project and did an outstanding job getting me just what we needed for the residence. Other contractors who have completed other kinds of jobs all commented on the professional space-saving layout of the Unico system."



The Unico Green Series being programmed via laptop