

#### PARTNERS

##### UNICO Contractor

Sunrise Heating & Cooling

Scott Kelly

529 Central Park Avenue

Scarsdale, NY 10583

914-965-9609

[www.sunriseheatandcool.com](http://www.sunriseheatandcool.com)



Outside of the home

## Overview

After the new owners of this late 1920's Mediterranean home moved in, they looked to upgrade the heating and air conditioning to more modern and efficient equipment. Of course, being an older home with limited access and space, they thought installing new equipment may be a challenge. However, after talking with their neighbors, their view changed. The neighbors had a Unico System installed and not only did it fit nicely, it worked exceptionally well, so they contacted Scott Kelly at Sunrise Heating and Cooling to come and help them.

## Strategy

Scott and his team calculated a Unico 1-1.5 ton Green Series system would be adequate for the second floor. There was plenty of attic space for the unit, but the homeowners also had plans to build an addition to this floor. What makes the Unico Green Series so versatile is that once the addition is complete, Scott would be able to simply add some duct runs and plug his laptop into the Green Series control board, also known as the S.M.A.R.T. control board, and quickly adjust the airflow to meet the demands of the new area.

The first floor was a little more of a challenge. The basement was completely finished which left no space for a blower and coil to be installed. This floor required a 2-ton Green Series system. Scott opted to install this in the garage in a vertical set up to minimize any lost space. He then ran the ductwork through the floor joists to reach all of the rooms on the first floor.

Because both units are Green Series, Scott was able to use high efficiency, 2-stage, 16 SEER condensing units. The Green Series allows Scott to program the blower for 1st and 2nd stage blower speeds, providing even greater efficiencies.

## Results

The Unico System allowed the homeowners the flexibility they need for when they add on to their second floor. A conventional system would have meant less ceiling space to accommodate the larger ducts associated with those systems. Unico also saved the homeowners from costly construction costs that likely would have been necessary to install traditional HVAC equipment.



Above: Green Series blower and coil in attic



Below: Green Series blower and coil in the garage