

PARTNERS

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Innovative Air Solutions

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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



Overview

An area brimming with history, Bronxville, NY was originally just a stop for the New York and Harlem railroads back in the 19th century. A village that started as farm, orchard and estate land saw its big boom in the 20's as hundreds of homes and commercial developments were built on the old estates and farms that used to dominate the scenery here. Today, Bronxville has become a quaint, yet thriving suburb just a train ride away from the bustling metropolis of Manhattan.

Because most of the houses in Bronxville were built during the 1920's, a lot of them are still without central air conditioning. And because the original designs were not made to accommodate large conventional ducts found with most of today's modern equipment, there are very few options for the homeowner. Luckily, one of those options is the Unico System.

Strategy

That's why when apartment owner Val Suprenant decided that he wanted central air conditioning for his 4th floor apartment, in one of these pre-war buildings, he contacted Matt and Mike Carlo with Innovative Air Solutions. He told them that he wanted the Unico System installed. This wasn't simply because of the obvious space savings, but he also wanted an efficient system. Innovative Air started with a Trane condensing unit on the roof and had to run the line set down the side of the building using an electric winch, and then finally into the units, which are tucked away in an unused utility closet.

To get the most out of the system, in terms of efficiency and functionality, they installed a Unico 3642 heat pump coil and blower used in conjunction with the Advanced Control Board. They used a total of 21 round outlets for the project. Matt states, "Even though we had to drop the ceiling in the hallway for the main plenum, Unico made it possible to get the superior comfort that the homeowner wanted without the need for any further construction."

Results

Now that the homeowner has central air conditioning, he is very pleased with the comfort he is feeling. Being on the upper floor of a building has its drawbacks due to the hot air rising, which is something Mr. Suprenant isn't concerned about anymore. "These old buildings get very stuffy, but I don't have to worry about that now. I love the comfort and it's great we didn't have to do add anything to hide other ductwork. I love it."

