



Unico, Inc.
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Unico, Inc. manufacturing plant and sub-assembly plant

Unico, Inc. is the leader in small duct heating and cooling systems and other high-end HVAC systems. The company manufactures all of its products in St. Louis, Missouri, with over 125,000 square feet of modern manufacturing space. The company is well known for extensive use in older, architecturally unique homes and buildings as well as elite, high-end custom homes. The company is family owned and operated and their products are available throughout the United States and Canada, and in over 28 countries around the world.



National Trust for
Historic Preservation
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Custom Home Features Unencumbered Comfort

Chris LaMotta was all set to build his dream home in Bayside, an upscale neighborhood in the NYC borough of Queens. There was just one major wrinkle to iron out.

Chris had designed the perfect entertainment area for the massive basement in this new 7,500 sf home, but was unhappy with the soffits and enclosures required for installing conventional heating and cooling. These chases and concealments would severely impede on

the open design of the basement and block views to the three large-screen televisions. The entertainment area was to be a key feature of this white stone Federalist-style home with Moroccan flourishes, so Chris was in a quandary.

Strategy:

Luckily, the experts at Innovative Air Solutions had the answer. Co-owner Matt Carlo, who with his brother Mike has been installing Unico for over 20 years,

The Unico System®



While Unico System outlets come in slotted and round options with a variety of finishes, the system also lends itself to customization of the outlets for an even greater aesthetic fit.

recommended The Unico System. Not only would the system's smaller design eliminate the structural alterations to the basement, it would also deliver superior comfort for the rest of the home.

Innovative Air Solutions recommended installing three Unico Systems to provide a total of 7.5 tons of cooling. In addition, the system's hot water coils are used in conjunction with the home's primary radiant heating to provide supplemental heat, as well as primary heat for those times of the year when the radiant system would take too long to respond.

Results:

The smaller design of The Unico System, with its main trunk line and flexible supply tubes taking up 1/3 the space of conventional sized systems, proved a boon not only to the basement, but also opened up the design for other levels of the home.

Matt and Mike Carlo have been proponents of The Unico System since they founded Innovative Air Solutions – in fact, this is their eleventh project to be featured as a case study. Says Matt, “You just can’t beat The Unico

System’s ability to allow modern, superior comfort to fit into a home without drastically altering the original design – whether it be a custom home or older home built before the wide usage of central heating and cooling.”

Says Chris, “I’m so happy Matt brought The Unico System solution to our home. We just couldn’t be happier with the level of comfort and the fact that we didn’t have to make major changes to our original design.”

Benefits

- Even, draft-free temperatures
- Quiet operation
- Zone control options
- Discreet custom-designed supply outlets
- Flexible design and installation - does not impede home's aesthetics

Contractor:

Innovative Air Solutions
Matt & Mike Carlo
Mt. Vernon, NY
(914) 793-7700
www.innovativeairsolutions.com

Distributor:

Wallwork Group
Mike Jawski
Elmsford, NY
(914) 592-0020

Slotted outlets blend into the bar area's décor and provide an elegant yet functional aesthetic.



The basement entertainment area features discreet slotted outlets and requires no unsightly chases or concealments for bulky ducting.