

Unico News

Unico, Inc.

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Don't forget to check out our other case studies at www.unicosystem.com/casestudies

Featured Case Study—Pasadena, CA



Above: Outside shot of the Library

Overview

The Allendale building, created as a local clinic, was totally remodeled and opened as a branch library in 1951. This adobe ranch-style building serves as the school library for Allendale Elementary School next door, and serves both students and teachers at the adjacent Blair High School. James Colvard, the Senior HVAC Tech at the Department of Public Works, looked to Unico for assistance to modernize the buildings mechanical system.

The existing ductwork proved inaccessible due to the old "Z" Spline ceiling, so no duct repairs or alterations were possible. The libraries existing mechanical system and ductwork had to be abandoned and two new 5 ton Unico heat pump systems were installed.

Strategy

Unico's modular components easily fit through the existing floor

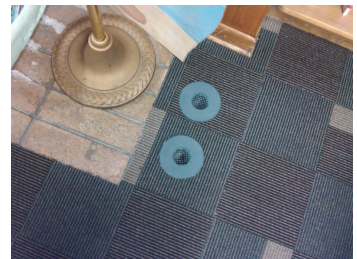
hatch to the crawl space. The split systems were installed in a horizontal configuration and the return air system was reconnected to the existing decorative intake grille made of carved wood. Each unit's 10" round supply air adaptor continued into a "perimeter loop" main duct system, terminating into (30) floor outlets fed by the 2" I.D. Unico sound attenuator flex duct. Pasadena's Building Systems Division required the new systems be remotely monitored and controlled through the cities Andover building automation system. The BACnet field bus connects to the Unico Advanced Control Board to control Heat, Cool, and Fan functions. The system also monitors temperature differential between coil and return air and VOC-CO2 for Indoor Air Quality.

Results

The library manager, Shauna Redmond, is very pleased with the cooling system performance, particularly as the load increases when students file in during after school hours. She also noticed the comfortable even heating of the Unico system as compared with the drafts associated with the old heating system. Regardless of season, Shauna commented that the Library has a very comfortable thermal environment when doors open at 10 a.m.

Equipment Used

- (2) Unico MB4860L+CB Blower Modules w/ Advanced Control Board
- (2) Unico MC4860HX Heat Pump Modules, R-410A
- (2) 5 ton Carrier Heat Pump Condensing Units



Above: Color-matched outlets blend nicely with the library decor

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New Unico Rep for Carolinas

Unico would like to introduce our newest manufacturer's representative for the Carolinas. BRS was founded in Winchester, VA and has more than 45 years in the HVAC industry. Working clockwise, the team includes Dick Bishop (signing the document), territory managers Trevor Demoss and Rick Link, followed by Joe Seidon who does inside sales and Executive VP, Richard Bishop. The main office is located in Richmond, VA. BRS can be reached at 800-338-8979.



Unico's Newest Employee

We'd like to welcome to the Unico family, our newest employee, Rachel Bolinger. Rachel had her first day Monday, February, 21st. She attended Southeast Missouri State University and graduated with a major in technical graphics and a minor in mathematics. Rachel's duties at Unico include drafting and producing drawings and specifications for manufacturing processes.

Facebook and YouTube pages

Unico, Inc. is now on Facebook and YouTube! We're continually updating both pages to provide as much content as possible. In fact, we were just named one of the Best of Show products for the International Builders Show by AvidBuilder.com. Go to our YouTube page to check it out! You can access both pages by clicking below or by visiting our website at www.unicosystem.com



Remember! All Unico
Bulletins are available at
www.unicosystem.com

Recent Bulletin Changes

Recently, we have updated several of our Bulletins. Bulletin 30-32 has been updated with more up to date information regarding the UniChiller. Additionally, we have pulled Bulletin 40-60 and also Bulletin 30-32A from the website. These bulletins had become obsolete. If there are any questions, please contact our customer service department at 800-527-0896.

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Make it Right Foundation and Unico



When Make It Right began building new homes in the lower ninth ward in New Orleans, the goal was to build safe, sustainable and affordable homes for working families. They also wanted to be a catalyst for change in the building industry in New Orleans and beyond. Every home that they build receives the U.S. Green Building Council's LEED Platinum designation and employs leading edge construction principles and equipment. The number one goal is to build cutting edge homes all while reducing costs. Once Jon Sader, Project Manager for Make It Right, was introduced to Unico's small duct, high velocity central HVAC, he knew he had found the best HVAC equipment to work with the advanced framing techniques that Make It Right is using to build the new homes. By combining the advanced framing practices with Unico's equipment, Make It Right has been able to save thousands of dollars on every home and provide the homeowner with an industry leading HVAC solution.

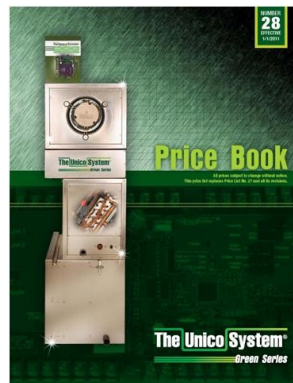
Unico is proud to be a part of what Make It Right is accomplishing in New Orleans. Unico strives to build the best small duct, high velocity equipment in the industry and are glad that the homeowners in New Orleans lower ninth ward can enjoy the best conditioned air possible when in their home.

Make It Right has built more LEED Platinum homes than any other single builder in the United States.

The photo to the left is a picture on the front porch of a new home at the MIR project. (From left to right...William Power, MIR, Geoff Zawacki, Connects, Cesar Rodriguez, MIR, Randy Niederer, Unico)

2011 Unico Price Books

New 2011 price books are now available. We have changed the format this year and have organized the price book so that it is easier to find the parts and items that you are looking for. We have also added line art to the price book to provide a visual representation of what many of the products look like. The front and back cover are dedicated to the Unico Green Series product line. As more and more people learn about the benefits of the Green Series it will continue to be the best selling and performing air handler that Unico has to offer.





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Unico manufactures the world's leading small-duct central heating and cooling solution, called the Unico System. Installed in historic preservation and renovation applications, high-end custom homes and any application where the homeowner, architect, builder or designer mandates superior indoor comfort. Unico is the pre-eminent Small-Duct High-Velocity HVAC product on the market today. Find out why installers and end users have made this heating, ventilation, and air conditioning system the product of choice for better comfort and aesthetics in hundreds of thousands of applications in the US and over a dozen countries worldwide.

Upcoming Events

Lennox Dealer Meetings

- Atlanta, GA. March 7-8
- St. Louis, MO. March 10-11
- Atlantic City, NJ. March 14-15
- Indianapolis, IN March 21-22

Main Street Conference (National Trust for Historic Preservation)

- Des Moines, IA. May 22-25