



FLORIDA EDITION

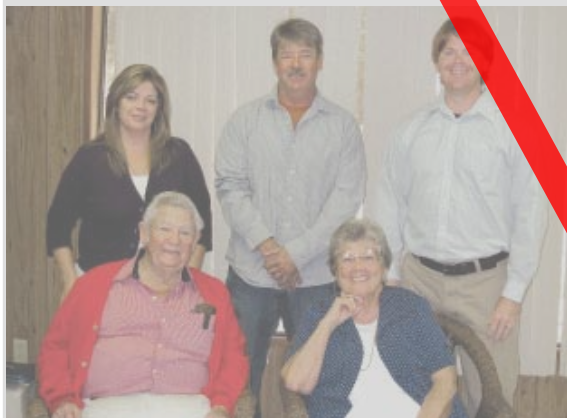
HVAC & REFRIGERATION

INSIDER

Reporting for Heating, Air Conditioning, IAQ and Refrigeration Professionals

### Award Winning St. Augustine Dealer Loyal to Carrier 57 Years

Taylor Refrigeration and Air Conditioning has been going strong since 1951



Three generations of Taylors in the business: Seated: Mario Taylor, Sr. & Clara Taylor; Standing: daughter Trudy Ellen Taylor, son Rebel & grandson Wade

For more than half a century, Taylor Refrigeration and Air Conditioning has remained a loyal Carrier dealer. Since its opening in 1951 in St. Augustine, FL., Taylor has sold only the Carrier family of HVAC equipment, making it one of the oldest and longest running Carrier dealers in the nation. Carrier Corp., a unit of United Technologies Corp. (NYSE: UTX), presented one of its highest

honors, the President's Award, to Taylor in 2006.

The President's Award is given to Carrier Factory Authorized Dealers who exemplify superior customer service, industry expertise, operational excellence and business effectiveness. Taylor was one of 30 dealers chosen from a field of nationwide Carrier Factory Authorized Dealers.

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### From the Inside by Walter Arnett

Another year is almost over and except for getting a year older, I'm glad to see it go. Besides the economy going flat in 2008, I for one, have had my fill of politics for a while. There has been enough name calling and distorted truths in the media to last us all for the next 4 years.

When you read this you are probably still full of turkey and dressing with all the trimmings. I know you enjoyed the beginning of the holiday

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### Gulf Coast Trane Sponsors Outback Bowl "Feast on the 50"

Gulf Coast Trane sponsored the Outback Bowl "Feast on the 50" event at Raymond James Stadium in Tampa on the evening of November 6. A major pre-Outback Bowl game promotion, the "Feast" was attended by over 1,000 invited guests.

Families gathered around tables which were arranged on the fifty-yard line and enjoyed the barbecue dinners and assorted beverages catered by the Outback Restaurant group. On-field activities included face painting, football throwing and field goal kicking. After dark a 20-minute long fireworks extravaganza concluded the evening.

"Our involvement with the Outback Bowl is one of the many ways that Trane supports the community," stated Mickey Peters, Gulf Coast Trane DSO Manager. "It also helps us build on the great brand awareness that Trane enjoys among consumers."

See photos on page 4C.



Jim McVay, President of the Outback Bowl, recognizing Gulf Coast Trane DSO Manager Mickey Peters for Trane's support

### MTI and GTI Meet the Needs of Florida's Showcase Green Envirohome



Scott Kuschel of MTI & Ken Williams of Ken Williams AC outside the Florida's Showcase Green Envirohome

Editor's note: This is the first of three articles covering Florida's Showcase Green Envirohome™, appearing in the Florida HVAC Insider as the project progresses. The HVAC systems will be the focus of the second article with an overview of the completed home wrapping up the series.

Miami Tech Inc. (MTI), manufacturers of duct collars, register boxes and other metal products, and Grille Tech Inc. (GTI), manufacturers of diffusers, dampers, grilles and registers, recently provided custom duct boots and grilles to Florida's Showcase Green

Envirohome™ (FSGE), a cutting-edge residential project home being built in Indialantic, Florida.

FSGE is being built by Mark Baker and Nonnie Chrystal, as a result of his mother's home being destroyed by Hurricane Frances and Jeanne in 2004. Built to keep giving shelter and water under the most extreme conditions that nature can offer, while using less energy and requiring less maintenance, the home incorporates the "best of the best" green building and green living technologies resulting in a "Near Zero-Loss Home™", "Near Zero-Energy

Home™, "Near Zero-Runoff Home™", and "Near Zero-Maintenance Home™". These technologies include a leading edge building envelope, disaster recovery, — continued on page 3B

### Broward County Inspectors Attend South Florida Contractors Association Meeting



Representatives from Broward County Municipalities: Steve McDonough, Pompano, Stephen Allard, Lighthouse Point/Deerfield, Fred Stoeger, Coral Springs, Bruce Mest, Pompano Beach, Scott Maxwell, Pompano Beach & Michael Charnin, Plantation

Representatives from several Broward County municipality building departments attended a joint meeting of the

South Florida Air-conditioning Contractors Association (SFACA) and the Mechanical

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## From Ken's Pen

tors of America has reached out to the President Elect to share our concerns and to offer the knowledge and expertise of the ACCA contractor to help achieve the energy independence goal we as a nation are striving for. This new adminis-

tration has promised change and I like others believe we will experience government sponsored opportunities that address environmental issues ranging from Indoor Air Quality to Energy Efficiency. As Paul indicated in his letter, the typical HVACR contractor is a small business. The Air Conditioning Contractors of America intend to be the force that brings new opportunities to its small business members. To see the letter in its entirety go to [www.acca.org](http://www.acca.org).

So maybe that "silver lining" is government sponsored. You entered this industry too because you found a challenge in HVACR. Well, it's time to take your technical and business skills and position your company to take advantage of the changes promised. Learn everything there is to know about indoor air quality and energy efficiency and be prepared to educate your customers.

**Have a Happy and Joyous Holiday** 

## Understanding HVAC

Reprinted by permission from *The ACCA Insider Newsletter November 6, 2008 - Issue #310*

ACCA has released "Understanding HVAC," a new 3-CD computer video training package designed to help non-technical office and sales staff better understand the HVAC business and their place in it.

This new program was created in response to several requests from ACCA contractor members seeking an easy way to bring their non-technical employees up to speed on HVAC and the contracting business.

"Understanding HVAC" is not about system design; instead it explains the basics of HVAC equipment, how important the HVAC contracting industry is, and how vital the role of each employee is in running a successful contracting business.

Each CD includes appropriate handouts and review questions. "Understanding HVAC" can be purchased online or by calling 888-290-2220. Learn more and view an excerpt at:

[HVAC Essentials] 

## Quality Installation

Reprinted by permission from *the ACCA Insider Newsletter, December 4, 2008, Issue #312*


The ACCA Quality Installation Specification, an ANSI standard, was written two years for use by a number of different industry stakeholders, such as:

- Contractors – to demonstrate their commitment to quality HVAC installations
- Equipment manufacturers – to highlight and encourage quality installation practices, resulting in better equipment performance and durability
- HVAC trainers – to assist in the ongoing development of appropriate course curricula and training programs
- Utilities – to integrate performance based requirements into their incentive programs
- Building owners/operators – to promote quality installation requests

Now the QI Specification is in various stages of implementation by numerous stake holders, and it is a good time to review for implementation difficulties. Free copies of the QI Specification are available at: [www.acca.org/quality](http://www.acca.org/quality).

When responding, please use the electronic review form that is available on the same webpage. All comments and recommendations, that will further refine the QI Specification, would be greatly appreciated. Please include the following information:

1. Note on the form the section and page number for any suggested change.
2. Include on the form specific comments that justify the change, and if available include supporting documentation
3. Suggested wording changes that satisfy the comments would be greatly appreciated

Responses are requested by Friday December 12, 2008. Please send all comments and recommendations to Donald Prather at: [donald.prather@acca.org](mailto:donald.prather@acca.org) 

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## MTI and GTI Meet the Needs of Florida's Showcase Green Envirohome

Photo by Kevin Welsh

solar, wind and stormwater management, a "greenroof", indoor air quality, consideration of the occupants' health, and other green innovations, collectively providing hurricane, tornado, flood, fire, mold, termite, impact, sound, and even earthquake resistance.

FSGE has been featured in USA TODAY and touted on FOX News as "The Greenest House in the World". The first-of-its-kind, "Affordable & Rewardable™" true green home and live residential touring facility, after completion FSGE



Nonnie Chrystal & Mark Baker

will be open to the public at no charge for one year of scheduled walkthroughs. The purpose is to demonstrate the best building and living choices and practices available today.

MTI and GTI were contacted by Florida Air Conditioning Distributors, one of their accounts, who had been called by Ken Williams Air Conditioning, the AC contractor for the project. "With strong ties to California, where a lot of Green initiatives have originated, I figured FACD was the logical place to start looking for the specialized duct and air movement components needed for the job," Ken Williams stated. "They knew that MTI and GTI are local manufacturers and got us in touch with each other. Within days MTI was on the jobsite and the things we needed were expedited to us."

"We have the manufacturing flexibility and engineering know-how to tackle special projects like FSGE," MTI Sales Manager T. Scott Kuschel said. "Our Green Boot product uses a flexible, closed-cell elastomeric thermal insulation which is cfc-free, pvc-free, halogen-free and endocrine disrupter-free in place of fiberglass. Featuring one-piece construction, it is gasketed to provide a positive seal to the grille and we custom-built these particular boots to connect appropriately to the zero-leakage ductwork designed for the home." The insulation used in the Green Boot is GREENGUARD certified as low VOC material, meeting the stringent requirements of the "Children and Schools" classification.

GTI's French Riviera style grilles met the airflow and appearance needs of the FSGE project. "Due to the high insulation values and tight construction, this home doesn't fit into any of the existing duct sizing parameters," Ken stated. "The two-story, 3,292 square foot home is cooled by 4 solar powered air conditioning units which total less than 3½ tons of capacity. Some of the supplies only call for 3 cfm of air entering the space." The opposed-blade dampers on the GTI grilles can be throttled down to provide the low cfm to the space required to meet test and balance criteria without whistling. The flange of the grilles mounts behind the drywall so that all that's visible is the small frame and the grille itself. The louver core is easily removable for cleaning, meeting the stringent requirements for FSGE as a near-zero maintenance home. The home is designed with returns in every room and since the GTI returns have the same appearance as the grilles, the result is a very attractive appearance.

"It is amazing to witness how manufacturers, suppliers and contractors have come together to help us make this vision become reality," Mark Baker added. "We are dealing with a lot of first-case scenarios with technologies and applications and it's taken a lot of extra effort to work through some of the challenges."

Completion of the FSGE home is scheduled for mid-2009.

For more information on MTI and GTI, visit their respective websites at [www.miamitech.com](http://www.miamitech.com) and [www.grilletechinc.com](http://www.grilletechinc.com) or contact Scott Kuschel at 305-693-7054. For more information on Florida's Showcase Green Envirohome™, visit their website at [www.FSGE.net](http://www.FSGE.net). ■



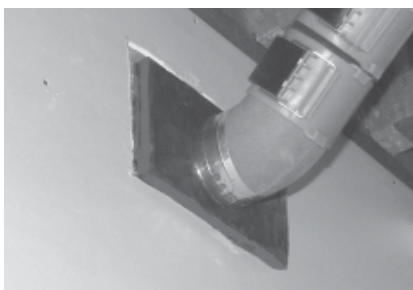
The GTI French Riviera style grilles feature easily-removable louver cores



A section of the zero-leakage AK Duct manufactured by CDC Industries



Ron Kehl of Ken Williams AC installing a Green Boot by MTI



The MTI Green Boots were designed specifically to match the AK duct



The mounting flange of the GTI Grilles will be covered by the wall and ceiling panels