

TODAY'S A/C

& REFRIGERATION NEWS

Serving the Southeast Region

Florida, Georgia, Alabama, Tennessee
North Carolina, South Carolina



Johnstone Supply Ware Group Port St. Lucie
Grand Opening Celebration (see page 8)



2022 ASHRAE Miami Golf Tournament
at the Miami Beach Golf Club (see page B6-B7)



2022 ACCA/CF Apprenticeship Graduation
Ceremony at the Altamonte Hilton (see page 21)



Tropic Supply Hosts Apion
Demo Days in May (see page 4)



SFACA Monthly Program Meeting
and HVAC Job Fair (see page B4)

RGF® Environmental Group Initiates Research Project to Enhance Filtration and Inactivation of Radioactive Particulates



Jeff Schlichenmeyer
Publisher

RGF® originally designed, built and tested a radiation filter/neutralizer 21 years ago for a multi billionaire's office in New York after 9/11. He was worried that a tactical nuclear attack may be next. RGF® tested the unit and installed it in his office. Thank God it has never been needed for a nuclear attack so RGF® never went into production. Obviously, things have changed in the world for the worse and a nuclear attack is of concern! Even a tactical nuclear weapon will create a radiation fallout cloud that will travel around the world with weather patterns.

An RGF® research and development project has been in testing for years to combine our ETL/FDA approved state-of-the-art HEPA filtration technologies that utilize our RGF® ETL approved Photohydroionization® (PHI) and Bipolar Ionization, carbon, boron, and RGF's pro-

prietary activated minerals for the effective filtration and inactivation of radioactive particles and gases, also ozone.

This project is designed to develop devices for use in homes and commercial establishments to reduce the risks associated with radioactive fallout that may occur as a result of a natural disaster, a deliberate nuclear attack, or in some locations occur naturally.

Dr. James Marsden, RGF's Executive Director of Science and Technology, is leading the project in cooperation with the company's engineers who have extensive nuclear weapon testing and nuclear power generation safety experience. In announcing the project,

he stated that, "By combining proprietary RGF® air treatment technologies with true HEPA filtration, the risks associated with radioactive fallout can be substantially reduced in homes as well as commercial buildings." Although this may seem premature, RGF® has always been

ahead of the time throughout their 37-year history. Better to be safe and prepared than sorry. RGF® has the Microcon-X in-duct system and stand-alone floor models in limited production for field testing.



OLDACH's Third Florida Location Is Now Open For Business In Tampa

OLDACH is now open for business in Tampa as their third Oldach location in Florida. Their address is 5110 W Knox St., Tampa, Florida 33634. The building has 30,300 square feet of store and showroom, and in addition, has a 660-square-foot training room. Their phone numbers are 813-559-7300 and 813-760-1678. The branch manager William Laureano and his staff, have many years of experience to help you make the right product selections. Store hours are 7am-5pm Monday-Friday and 8am-Noon on Saturday.

Oldach Associates, LLC.

has been established in Puerto Rico for over 60 years; was founded by Mr. John Oldach as a Manufacturer's Representative and later purchased by their CEO, Giancarlo Brito.

As it stands today, Oldach represents one of the largest HVAC parts and air conditioning distributors in Puerto Rico, whose ownership falls between partners Giancarlo Brito and Felix Campos, both graduate engineers with vast experience

in residential and commercial air conditioning & refrigeration. Corporate Headquarters are located in the Metropolitan Area of San Juan Puerto Rico at Las Palmas Industrial Park in Cataño focusing its efforts in the distribution of residential and commercial air conditioning, refrigeration, industrial cooling, ventilation, water treatment, replacement parts, installation materials, and air & water filtration.

OLDACH's philosophy is to supply and serve their customers with products of quality. They are committed to high standards of service, maintaining close contact with our customers, responding to economical trends and changes in the business environment, cultivating more than a business relationship, all

which aid in the realization of our goals. OLDACH has plans to open more locations in the US over the next few years.

OLDACH equipment lines include Armstrong Air, Ducane, Allied Commercial, and Airdach. OLDACH also stocks a complete line of refrigeration equipment and controls, installation supplies, parts, and accessories.



PRST STD
U.S. POSTAGE PAID
WEST PALM BEACH, FL
PERMIT NO. 4595

TODAY'S AC NEWS
PO BOX 451821
Ft Lauderdale, FL 33345



**JOHNSTONE
SUPPLY**

The Ware Group
Saving You Time. Making You Money.

NEW PORT ST. LUCIE LOCATION



NOW OPEN IN PORT ST. LUCIE!

**Conveniently Located to Major Highways
Configured for Easy IN and OUT Access
Equipped for Lightning Fast Pickup & Delivery
EXPRESS Will Call**

Find us at

**321 NW Peacock Blvd
Port St. Lucie, FL 34986**

Phone: (772) 468-0211



**Learning
That Earns**

TECHNICAL
BUSINESS
CUSTOMER SERVICE
SAFETY
NATE CEH'S



Part of our commitment to Save You Time. Make You Money.

www.JohnstoneWareGroup.com

How to Anger a Customer

Ruth King's Contractors Cents



HVAC Channel.tv

Industry expert Ruth King has helped contractors get and stay profitable for more than 25 years.

Reach her at
ruthking@hvacchannel.tv.

Technician 1 performs a cooling maintenance. He does the procedures according to manufacturer recommendations. He takes about 45 minutes for the maintenance visit. The customer loved the visit and renewed her maintenance plan.

A year later Technician 2 performs a cooling maintenance. He takes 15 minutes and tells the customer the maintenance is complete. The customer is really upset. She calls the company complaining. And, she wants someone back to do the maintenance she paid for, the right way according to her...the way Technician 1 performed it.

Moral of the story:

Everyone needs to perform maintenance according to your standard procedure...whatever it is. One tech can't take 45 minutes while another technician takes 15. You send the wrong message to the customer. Most won't complain. Most just won't renew. And, you'll never know unless you contact the customer after the maintenance visit.

Another situation:

Back in the 1980's one of the HVAC franchisors, Service America, included waxing the outdoor unit as part of the maintenance tasks. A contractor, who is now retired, continued this procedure for more than 20 years. If a technician didn't wax the unit, the maintenance customer would always call complaining. This contractor's customers had come to expect a certain level of service and when it didn't happen, the phone would ring. If a tech didn't wax the unit the customer complained. Another tech had to go back to the customer, apologize, and wax the unit. Expensive!

Another way your techs MUST be consistent:

If the life expectancy of a cooling system in your geographic area is 10 to 12 years, then when the maintenance technician visits the customer in the 9th year of that system, he must say, and every technician after that must say, "Mrs. Customer, your system is operating in the best possible condition for its age. It is 9 years old and the manufacturer says the life expectancy of your cooling system is 10 to 12 years. You might want to start budgeting for a new system."

Consistency is critical. If a technician said it when the system was 9 years old, a technician said it when the system was 10 years old, and technicians DIDN'T say it when the system was 11 years old and 12 years old, she's forgotten when her compressor is grounded at the end of her 12th year. And, she's surprised and angry with your company for not reminding her.

Contrast this situation with a customer who "rolls the dice" and is told every year about manufacturer's life expectancy. When the compressor fails at the end of year 12 she is not surprised and often comments, "You told me this would happen."

Consistency is the key to a happy customer who trusts and refers your company. Written procedures and training as well as follow up ensure the procedures are being followed.

Next Topic: A Creative, New Way to Recruit Field Personnel - What if you could recruit 24/7 in places that you know potential employees go to?

For example, if you are looking for people with mechanical capabilities to enter our industry, wouldn't it be nice to contact everyone who went into an auto parts store? It's possible now with geofencing. By putting a geofence around an auto parts store you can discover everyone who goes in that store who has their mobile device on.

Geofencing technology has been around for many years. Now it can be used to recruit. If you've ever wondered how someone got your mobile phone number and is sending you digital ads, it's through your MAID. Mobile devices have unique MAID's (Mobile Advertising ID's). By capturing your MAID companies can send advertising to that phone. (It's

like the cookies that follow you around when you are searching on the web. Ads pop up relevant to what you are searching for). You cannot geofence government buildings, churches, schools, or hospitals.

Retail establishments, streets (you can capture the MAID's of everyone who drives down the street where you just installed a new system), or even booths at a trade show can be geofenced.

Here's how it works: Capture the MAID. Send a digital ad with a link to a landing page. The landing page has a short video about why work for your company, the benefits of entering the industry, etc. It asks for whatever data you want for follow up - generally name and best time to call. You follow up.

Fair warning: Your website MUST have a career page - it should NOT look like a job application. The careers page should have the benefits of working at your company. It should have short videos, which you

can and should record with your cell phones (so they don't look staged). Videos should include one of you, the owner, a field employee from each department, an office employee, and someone who has worked at your company for many years.

You are selling to potential employees! You sell the same way as you would sell to a customer - answer the question: why join our company?

If you are recruiting people with mechanical abilities to enter our industry, you can send them through Interplay Learning's boot camp. Their virtual reality or desktop series gets them ready to work and gives them the information they need to get their EPA card (www.interplaylearning.com)

To explore using geofencing, call Mike Ratchford at 713-806-6297. I've known Mike for years and have seen how he has helped contractors grow their businesses using his marketing and advertising products.

ENGINEERED CONDENSER STANDS

100% Aluminum
Engineered for winds up to 160 mph
Use on roof tops or a pad.
Perfect for flood zones.

Engineered for strength.
Designed to last.

IN STOCK

Adjustable from 21.5" to 30"

Leg sets are available from 18" to 36" high.

Aluminum I-Beams available from 3 ft. to 18 ft.

Engineered tie down clips are available in 4" and 6"

Scan QR code For PDF Catalog

OFFERING YOU THE GOLD STANDARD SINCE 1982

THE METAL SHOP
www.metalshop.org



Tropic Supply Hosts Appion Demo Days in May

Hands-on Demonstrations of the Appion Product Line

During the month of May, Michael Williams, Florida Sales Manager of Barksdale Sales Group, conducted several Appion Demo Days at Tropic Supply Resource Centers across the state of Florida featuring the G5Twin, MGABAS and SPDY12.

He informed Tropic customers about the impor-

tance of refrigerant recovery and system evacuation for system efficiency and longevity, the speed advantage of using valve core removal tools, the effects of vacuum pump oil on the evacuation process, and the need for accurate and repeatable digital gauge readings during recovery and evacuation.

Demo Day Promotion: Any contractor who purchased \$100 or more in Appion products during demo day hours received an Appion water bottle and multi-tool. For future event details please visit your local Tropic Supply Resource Center or visit the events calendar at www.tropicsupply.com/eventscalendar.



Appion Demo Day at the Tropic Supply Resource Center North Miami T-1



Juan Orobeza of First Class Air Conditioning with Michael Williams of The Barksdale Sales Group



Juan Castillo and Miguel Aguilar of Williams Island with Michael Williams of The Barksdale Sales Group



Appion Demo Day at the Tropic Supply Resource Center in Tallahassee T-21



Marlon Rojas of Kool Flow Air Conditioning with Michael Williams of The Barksdale Sales Group



Jason Godwin of Tropic Supply Tallahassee with Michael Williams of The Barksdale Sales Group



Omar Campos of Vedo International, Marcus Mooror of Chanin Mechanical, Michael Williams of The Barksdale Sales Group



Frank Parise of Tecumseh with Michael Williams of The Barksdale Sales Group



Appion Demo Day at the Tropic Supply Resource Center in Sunrise T-20

Got Slime?

Drain GuardTM Is Your Solution!

Drain Guard was developed due to the alarming number of nuisance air-conditioning service calls for clogged drain lines.

Providing year round protection for your condensate drain line*
Add to preventive maintenance contracts for additional revenue

NEW DRAIN GUARD

- Model MT-73018
Primary HVAC Drain Line Assembly (Includes The First Six Months of Protection)
- Model MC-08118
Twelve Months of Continuous Drain Line Protection

MAX

* 12 months of coverage requires two cartridges model # C-GB118

DRAIN GUARD MAX NOW AVAILABLE!

Transparent Design!
One Time Installation!

Specifically Designed, Formulated, Lab Tested & Approved for

- Environmentally safe
- No Harsh Chemicals
- Safe for all HVAC Systems

Effective against:
Algae, Fungus & Bacteria

Patent Pending

Made in USA

For more information visit drainguardhvac.com

Sell Performance Upgrades for All-Season Profits

DSB ENERGY EFFICIENCY AIRFLOW UPGRADE

- Easy Retrofit Without Strap Removal
- Easy Upsell - Every Call is an Opportunity
- Increase Revenue During Off Season
- Highest Profit Upsell Opportunity
- Address Airflow & Condensate Complaints

Maximize Profits on EVERY Call

Boost Sales in the Offseason While Increasing Profits

DSB
DUCT SADDLE SPLITTING SYSTEM

Call for FREE Homeowner Focused Sales Tools
214.407 6100
www.ductsaddles.com

UNIVERSAL

MOTOR-RUN • MOTOR-START • HARD-START

Got Gas?

HOW ARE MY HIGH PRICES NOT AFFECTING YOU!?!?

FAILURE'S NOT AN OPTION
PROTECT
THE AMERICAN WAY

AMRAD
Manufacturing
Since 1939

Turbo200

For OVER 15 YEARS,
the power of **UNIVERSAL** has reduced
trips for parts & truck stock,
saving TIME & MONEY!

5
YEAR
WARRANTY

MADE IN USA
Don't Wait! IN STOCK NOW!

SS SLOW BOAT FROM CHINA

Turbo200 Mini
FAN MOTOR-RUN
CAPACITOR

Turbo200 Mini-Oval
FAN MOTOR-RUN
CAPACITOR

Turbo200
UNIVERSAL
MOTOR-RUN
CAPACITOR

Turbo200X
UNIVERSAL
MOTOR-RUN
CAPACITOR

UNIVERSAL
MOTOR-START
CAPACITOR
TURBOLYTIC™50

UNIVERSAL
MOTOR-START
CAPACITOR
TURBOLYTIC™50

Replace Single & Dual, 2.5 to 97.5 MFD

Replace Up to 324 MFD



#TrustThe(G) #RespectBlueCollar

www.AmRadManufacturing.com | www.GlobalTheSource.com | PHONE: 800.531.5967

THE ANSWER IS ORANGE



Our New Labels Look GREAT!

3
YEAR
WARRANTY

5
YEAR
WARRANTY

Turbo Easy-Start
UNIVERSAL
HARD-START
Up to 5 TONS
THERMAL PROTECTION, CPT® FUSE WIRE

Turbo Easy-Start
UNIVERSAL
HARD-START
Up to 5 TONS
THERMAL PROTECTION, CPT® FUSE WIRE

CPT® FUSE WIRE
PROTECTION
FROM RELAY FAILURE
WITHIN 3 SECONDS



TAKE A LOOK!
Watch Our "First Look" Video
on the CPT® Fuse Wire

AmRad hard-start kits and motor-run capacitors now come with built in safety features. The Exclusive **CPT® Fuse Wire & CPT®** cut the hard-start off from the system in the event of a part failure, protecting the compressor from costly damage and potential failure.

Code & Legislative Update: Focus of SWACCA's May Program



Bob Cochell

and longtime industry influencer, members and guests were treated to an exhaustive update on current codes and pending changes, some effective July this year and others in 2023.

FRACCA President, and former SWACCA Board member, Will Barnes, President, Ellsworth's Heating & Cooling, were present where participants heard critical information that affects contractors' daily business routines and field operations.

SWACCA President Jim Britton, Service Manager, Gulf Shore Cooling, also announced four new

SWACCA member companies (Air 360, Air Repair, Amazing Air & Heat, and Ferguson HVAC), and presented Tank Martin, Branch Manager, Ferguson HVAC Supply in Ft. Myers, with the company's new member Certificate.

Active for more than 47 years, SWACCA's goal is to better the HVAC industry for its members, their customers and employees. SWACCA meets the first Tuesday of each month at the Embassy Suites, Ft Myers/Estero.



SWACCA Pres Jim Britton gives Tank Martin of Ferguson HVAC a new member certificate

Upcoming programs include SEER 2 (June), Inspector Panel (August), Annual Golf Outing (October), Trade Show (November). SWACCA also conducts educational CEU workshops, with Fall sessions planned for Flammable Refrigerants and Duct Work Installation.

To become a member call SWACCA at (727) 209-0890 and speak with Executive Director Cheryl Harris or Association Administrator Desmond

Ryan. You can send an e-mail to info@sw-acca.org and ask to be placed on SWACCA's e-mail list to receive notices of upcoming events.

Johnson Controls Invests \$7.5M in Automation Equipment at HVAC Plant

MILWAUKEE – (May 25, 2022) – In April 2022, Johnson Controls completed a major \$7.5 million investment into new automation equipment at the company's commercial HVAC manufacturing plant in Norman, Oklahoma. The new equipment will increase capacity, while improving product quality, safety, and assembly productivity at the 900,000-square-foot facility, known as Johnson Controls Rooftop Center of Excellence.

The new automation equipment includes; Punch and Roll Forming Machine, Robotic Press Brakes, Turret Laser Machines, and Auto Brazers.

"Johnson Controls is committed to surpassing our customers' expectations through the continuous improvement of our manufacturing plants and investment into our product lines," said Doug Schuster, Vice President & General Manager, Global Ducted Systems, Johnson Controls. "We continue to invest in the improvement activities at the Norman facility to modernize and expand the plant, automate the manufacturing process, improve safety for our employees and ensure our products are built to the highest quality standards possible."

The new equipment will increase facility capacity and streamline the manufacturing process, making employees jobs safer and more efficient, but jobs will not be impacted.

The most notable expansion of the 50-year-old Norman facility was in April 2019. It now features nearly 400,000-square-feet of incremental laboratory and manufacturing space, which includes a two-story, 52-foot-high testing lab roughly the size of one-and-a-half football fields. The extensive laboratory allows Johnson Controls to conduct on-site development, regulatory compliance, performance, safety, and reliability testing, including the ability to test a 150-ton rooftop unit in climates ranging from -30°F to 130°F. The 2019 expansion also included renovations to more than 150,000-square-feet of office and meeting space. Today, the facility manufactures commercial HVAC systems for Johnson Controls, YORK®, TempMaster®, Luxaire®, Coleman® and Champion® brands. For info visit www.johnsoncontrols.com/hvac-equipment/rooftop-units.

New Resources for Educators and Trainers

To assist those on the front line of HVACR education become more effective in their roles, the ESCO Institute has released a new instructor resource center. Some of the resources produced by veterans in HVACR education include webinars on overcoming the challenges of being an effective teaching, improving student outcomes, addressing the technician shortage, program advisory meetings, and maintaining classroom records.

In addition to the webinars, instructors can access a blog with HVACR teaching tips and strategies, links to free practice exams, industry news, podcasts, an HVACR educators' group to network, and industry scholarships.

Those involved in training our current and future workforce looking for some guidance are encouraged create a free account on the HVACR Learning Network, then access the instructor resource center.

THE TWO-IN-ONE ADVANTAGE



FREE Total System
Reporting with
YJACK VIEW® App



View Readings on YJACK MANO™ Display and Remotely via the YJACK VIEW® App.

The YJACK MANO™ Wireless Dual Port Manometer combines wireless and stand-alone manometers into one compact device. Check readings on the local display or via Bluetooth® with our **FREE** YJACK VIEW® app. App records all YJACK® device readings in customizable service reports for total system evaluation at no extra cost.

- One dual-port instrument to measure individual and differential pressures
- Static pressure measurements up to +/- 80 inches of water column
- Measure gas pressure at regulator inlet and outlets with included adapters



in @ f

To learn more, connect at:
yellowjacket.com/product/yjack-mano/



ASK US ABOUT OUR
FREE 5 YEAR
LABOR
WARRANTY*

*Must be a CCE Program Dealer to qualify



Membership has its benefits.

Become a Certified Comfort Expert Program Dealer with YORK and enjoy the exclusive benefits like a FREE 5 Year Labor Warranty, Dispatch Services, Dealer Loyalty Savings, and so much more.....

DORAL

8941 NW 23rd Street
Doral, FL 33172
786-437-9603

FORT MYERS

9353 Laredo Avenue
Fort Myers, FL 33905
239-694-0291

FORT PIERCE

801 S Kings Highway
Fort Pierce, FL 34945
727-742-7138

JACKSONVILLE

6631 Executive Park Court N.
Suite 210
Jacksonville, FL 32216
904-440-7620

LARGO

12161 62nd Street North; Ste 300
Largo, FL 33773
727-431-1444

MELBOURNE

605 Distribution Drive; Ste 2
Melbourne, FL 32904
321-775-6277

ORLANDO (HUB)

4127 Seaboard Road; Bldg 902
Orlando, FL 32808
407-362-9750

POMPANO

1280 NW 22nd Street
Pompano Beach, FL 33069
954-545-9500

TALLAHASSEE

5215 West Tharpe Street
Tallahassee, FL 32303
850-241-0191

TAMPA

3409 Craigmont Drive
Tampa, FL 33619
813-663-9332

SARASOTA

7910 25th Court East; Ste 109
Sarasota, FL 34243
941-536-9828

WEST PALM BEACH

1719 Old Okeechobee Road
West Palm Beach, FL 33409
561-618-3830

Restrictions apply, see York for details. Available in Florida only through York Factory Direct.



WWW.SOURCE1HVACSUPPLY.COM





GRAND OPENING CELEBRATION



Port St. Lucie
May 9-13, 2022

Johnstone Supply Ware Group celebrated the Grand Opening of their newest relocated store during the week of May 9-13, 2022. The new Port St. Lucie store which replaced the Ft. Pierce branch is located at 321 NW Peacock Blvd, in Port St Lucie, FL.

The celebration lasted all week and included a tasty lunch of burgers and hot dogs, grilled right on site. Manufacturers Representatives were on-hand

highlighting all of their newest products with product demonstrations, and discussing industry trends. Many different product specials were offered daily. Some of prize raffle drawings included i-pad and a 50" Samsung Smart TV.

Today, the Ware Group owns and operates Johnstone Supply branches in 27 convenient locations (23 in Florida, and 4 in South Carolina).

The Ware Group is committed to offering the highest level of customer service, inventory stock position, friendly, knowledgeable, committed staff continually "Saving You Time and Making You Money!"

You can reach the store manager Matt Berger or anyone else who is a part of the Port St. Lucie team, by calling (772) 468-0211.



Johnstone Supply Ware Group Port St. Lucie
Matt Berger, Jim Holman,
Billy Kapopoulos, Justin Berger



Natalie Dee of Pro Dev Reps (RGF) with
Lori Diodato and Natalie Johns of
Miranda Plumbing and Air Conditioning



(L&R) Dan and Dave of St. Lucie County
with (center) Billy Kapopoulos
of Johnstone Supply Ware Group



Randy Castricone of Goole - Nest Pro
with Matt Berger, branch manger of
Johnstone Supply Ware Group Port St. Lucie



Hiram Pagan of Seacoast Air Conditioning
with Johanne Bueno
of J. Nichols & Associates



Jack Hammer, Matt Berger, and John Mazzotti
of Johnstone Supply Ware Group



(L&R) Brandon Perry and Fernando Perez of
Lennox Air Conditioning with (center) Angela Garcia
of Shupe, Carboni and Associates



Johnstone Supply Ware Group Port St. Lucie
has easy access convenient to I-95
and the Florida's Turnpike



The Johnstone Supply Ware Group
Port St. Lucie counter was very busy
with product specials all day!



Damian Oyola Crown Cool with
Fidel Martinez of Emerson



John Mazzotti, Regional Manager
for Johnstone Supply Ware Group,
cooking up some burgers and dogs



Scott and Carol Lentz of
Lentz Air Conditioning



(L&R) Mike Seyfried and Joe Sisti of
Speedy Air Conditioning with
(center) David Miville of The Metal Shop



Billy Kapopoulos of Johnstone Supply
Ware Group presents ipad prize to winner
Cesar Perez of True Air



(L&R) Damian Oyola and Steve Ferro of Crown Cool
with (center) Tom Berger, who has two sons
working at Johnstone Supply Port St. Lucie



DAIKIN *ATMOSPHERA* — DAIKIN'S FIRST R-32 SINGLE ZONE SYSTEM IN NORTH AMERICA

As the only manufacturer of both HVACR equipment and refrigerants, Daikin's dedication to next-generation solutions encompasses design, technology, comfort, and performance while also taking environmental impact into consideration with R-32, a refrigerant with lower Global Warming Potential than R-410A. With the new Daikin *ATMOSPHERA*, begin to discover the next generation of Daikin HVAC systems using R-32 refrigerant.

» Energy Efficient

- Up to 27.4 SEER | Up to 13.8 HSPF | Up to 16.3 EER

» Enhanced Capacity

- **Up to 100% rated cooling capacity** at 115°F (46°C)
- **Up to 100% rated heating capacity** at 5°F WB (-15°C WB) and confirmed continuous operation as low as -13°F WB (-25°C WB) ambient temperature.

» Noteworthy Features

- Built-in Wi-Fi
- CLEAN function
- Hybrid Cooling



R32



ADDITIONAL INFORMATION

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

Our continuing commitment to quality products may mean a change in specifications without notice.
© 2022 **DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.**
Houston, Texas · USA · www.daikincomfort.com or www.daikinac.com

DISCOVER MORE AT:
DAIKINATMOSPHERA.COM





HVAC School
For Techs by Techs

Which Valve Do I Open First?

By Bryan Orr



Bryan Orr

I've had a change of heart. Back in the early 2000s, during the big construction boom, I did many system startups on residential units for a large company I worked for.

When installers ran the line sets prior to startup, they weren't always very careful to keep them clean and dry. Many times, we would end up with a restriction in the piston or TXV.

These new residential systems come with a pre-charged refrigerant in the condenser. So, after my vacuum was complete, I would "release" the charge by slowly opening the liquid line service and watching to see if my suction pressure would steadily rise.

If there were anything in the liquid line, it would hit the screen or drier before the metering device instead of possibly running the other way and clogging the TXV or orifice.

I often knew that there was a restriction before I even started the system because I got used to watching that suction needle rise. While I did this for a good reason, that reason is in the past.

When we install systems, we take great care to make sure the line set stays clean and dry, and we flow nitrogen while brazing with the line drier installed near the indoor coil.

It's a new day, and I'm giving up my old sins.

So, now I must admit that the better way to do it is to open the SUCTION valve first (slowly!). That prevents oil loss out of the compressor into the discharge line and out of the liquid line.

It's unlikely that you will lose enough compressor oil to cause any damage by opening the liquid line slowly, but any oil that the compressor loses has a long journey before it gets back to the compressor. The other issue is that oil loss in those first few moments in the life of a new system can have long-lasting effects

on the operation and longevity of that compressor.

Have you ever taken a liquid line hose off after a new system install and gotten oil all over?

That is often due to opening the liquid line first and the compressor losing oil to the discharge line and then to the liquid line.

When you open the suction side slowly first, oil loss from the compressor will enter the suction line. Once the compressor begins running, it will pull that oil back into the compressor.

When doing it this way, you would attach your micron gauge to the liquid line core remover side port with the Schrader in place in the side port. Once you completed your vacuum and proved you had no leaks or moisture by valving off the VCT's and watching your decay rate, you would then attach your gauge manifold and slowly crack the suction side until you see a few psi on the liquid side. Now, remove the vacuum gauge to ensure the system pressure does not damage it.

Most micron gauges can handle some pressure. For example, the Testo 552 can handle up to 72 PSIG (4.96 bar), and many can handle 400 psi (27.57 bar) or more. It never hurts to remove that expensive and sensitive micron gauge before exposing the sensor to high pressure. Still, it's never a good idea to remove it BEFORE the system is under positive pressure. If you do that, you will lose the entire vacuum.

You would then purge your manifold hoses and fully open the suction valve and then the liquid line valve.

When charging a system with no charge (not running), weigh refrigerant into the liquid line first until both sides equalize in pressure. That way, you can ensure that you are not introducing liquid refrigerant right into the compressor crankcase.

Also, keep in mind that it is good practice to run the crankcase heater once the charge has been released and before the system is started to prevent a flooded start on the compressor.

—Bryan

MACCA Hosts Unlicensed Contractors Activity Meeting With Local Sheriff's Departments and Florida DBPR

The Manasota Air Conditioning Contractors Association held a panel discussion on May 5, 2022, with Timothy McGrath, Tampa Field Manager-Florida Department of Business and Professional Regulation; Manatee County Sheriff, Rick Wells; Sarasota County Chief Deputy Colonel, Brian Woodring; and Captain Eric Hill, City of Venice Police Department; which focused on curbing the issue of unlicensed contractor activity.

Hiring an unlicensed contractor is against the law and can cause physical and financial harm to a homeowner or business. The panelists stressed the importance of checking who you hire to work on your home and/or business, and to make sure they hold the proper licensing. Timothy McGrath, Field Manager-Florida DBPR, expressed the dangers of hiring unlicensed contractors and how they can lack the necessary qualifications, education, and exhibit subpar performance standards which can lead to non-compliance with building codes.

Both County Sheriff's Departments, the City of Venice Police, and the Florida DBPR, suggest the best way to curb the issue of unlicensed contractors within our community and businesses is to educate others through social media, prevent victimization by educating seniors within the community, utilize local resources, and be an ambassador. Do not hesitate to report any suspicious unlicensed contractor activity by collecting a tag number, description and/or photo(s) of the person or vehicles involved in the crime prior to making the report.

Please report any unlicensed activity to your County/City Police/Sheriff Departments and/or the Florida Department of Business and Professional Regulation (DBPR) Hotline #1.866.532.1440, email the department at ULA@myfloridalicense.com or download the DBPR mobile app.

BECOME A MACCA MEMBER - for more information on member benefits, please visit: www.macca.us

Baker
Distributing Company

Florida Cooling Supply

• IN STOCK •

FLEXX

THE NEW CENTRAL AIR BY **GREE**

Up to 20 SEER, FLEXX provides customers with the efficiency and quietness you've come to expect from GREE's G10 Inverter technology. Features include a side discharge on the outdoor condenser, small footprint & 24-VAC thermostat control.

- **Flexible**
Side discharge, small footprint, 24-VAC compatible
- **Comfortable**
Quiet operation, optimal performance from -22°F to 129°F
- **Efficient**
Up to 20 SEER/10.5 HSPF
- **Adjustable**
2/3 and 4/5 ton outdoor unit options

GROW YOUR BUSINESS IN 2022:

ASK US ABOUT OUR ONCALL AIR SALES PLATFORM & CREDIT FOR COMFORT CONSUMER FINANCING.

Stop by your local Baker or Florida Cooling. To learn more, visit Bakerdist.com/gree-flexx

Boynton Beach (561) 806-7075	Lakeland (863) 668-8186	Port Richey (727) 847-0445
Clearwater (727) 572-0181	Lecanto (352) 344-5300	Sarasota (941) 366-5804
Clearwater (727) 449-1230	Leesburg (352) 728-6222	Sebring (863) 314-4494
Daytona (386) 255-5023	Melbourne (321) 768-0220	St. Augustine (904) 824-1001
Daytona Beach (386) 274-5345	Merritt Island (321) 452-5010	St. Petersburg (727) 525-6926
Doral (305) 592-3514	Naples (239) 597-7172	Stuart (772) 220-3093
Fort Myers (239) 939-1649	Ocala (352) 732-5271	Tallahassee (850) 576-8102
Fort Walton Bch (850) 344-1761	Orange City (386) 878-4444	Tampa (813) 885-7641
Gainesville (352) 336-8778	Orange Park (904) 272-7700	Tampa (813) 740-8704
Gainesville (352) 376-3212	Orlando (407) 296-7727	Tampa (813) 217-5913
Jacksonville (904) 519-5550	Orlando (407) 849-6090	Vero Beach (772) 562-7141
Jacksonville (904) 407-4477	Palatka (386) 866-7013	West Palm Bch (561) 848-1416
Jacksonville (904) 354-6685	Panama City (850) 215-4200	
Jacksonville (904) 998-9478	Pensacola (850) 434-7581	
Kissimmee (407) 933-8008	Plant City (863) 687-8178	
Lake City (386) 755-2009	Pompano (954) 691-0210	



Summer Hours:
Now Open Saturdays
in Most Markets!

Clean Air is Life

LET US HELP PROTECT YOURS



LEARN MORE



REME•HALO®



Feel the healthy difference a REME-HALO® air purification system can make in your home or business and **breathe a sigh of relief.**

AccuAir Attends 14th Annual Larry Wilder Memorial Fishing Tournament



All sponsorships include a professional guide, boat, bait and tackle. Food and beverages were provided to participating anglers throughout the day!



Frank Suranyi of AccuAir Inc., Penny Anderson of AccuAir Inc., and Leon Essex, Bard Representative

This year's event was held on April 15, 2022 at the Westshore Yacht Club. Since its inception in 2006, this annual fishing tournament has made a life-changing impact on the students and teachers of Hillsborough County.

Named after Larry Wilder, a passionate supporter of our public schools, this tournament benefits Hillsborough Education Foundation and their mission to strengthen public education by providing school supplies to students in need, funding school and classroom enrichment grants, supporting two student scholarships and more!

HEF partners with the community and is dedicated to deepening the impact on student and teachers to ensure every student receives a high quality education. The event was a huge success; it was a beautiful sunny day with a tremendous crowd of par-

ticipants and sponsors to win the coveted first place trophies in SNOOK, REDFISH and TROUT.

The angler teams were each matched with a boat and captain! Lunch and refreshments were provided. Although it was a catch and release tournament, it was loads of fun to reel in these prized species.

After check-in at 3:00 PM, trophies were awarded, lunch was served, a raffle and auction was held that included valuable and coveted prizes, including sports memorabilia etc.

Bard-AccuAir is a regular sponsor of the tournament. "It was an honor to participate in the Larry Wilder Memorial Fishing

Tournament, and I can hardly wait to do it again next year" declared Frank Suranyi, of AccuAir Inc., Bards Exclusive Distributors for Engineered Products in Florida.



Frank Suranyi of AccuAir Inc. reeled in a really nice snook!

Gary Prine Jr. Joins Leone Green and Associates Rep Agency



Gary Prine Jr.

Leone Green and Associates is pleased to announce that Gary Prine Jr. has joined their Manufacturers Representative Agency.

A 2008 graduate of Valdosta State University with a B.A. in Marketing, Gary brings 15 years of industry experience to our agency.

Gary is based in Valdosta, Georgia and will support our Distributor and Contractor Partners in North Florida and South Georgia. He will also continue to supplement our coverage in Central and West Florida, leveraging his relationships with both Distributors and Contractors in those market areas.

Leone Green and Associates was founded in 1981 and represents outstanding Vendors in the South-eastern United States as well as Export markets. Leone Green Vendor Partners offer a wide assortment of products to HVAC, Refrigeration, Insulation and Sheet Metal Wholesalers.

We invite our vendor and distributor partners to welcome Gary to our Agency via email, gprine@leonegreen.com or cell, 229-560-5603.

Call for Presenters

HVAC Excellence is seeking presentation proposals from top minds representing manufacturers, associations, and other industry stakeholders for the National HVACR Education Conference.

The conference is designed to help those who train our current and future workforce learn about new and emerging technologies, get answers from, and be inspired by industry leaders, exchange ideas with industry peers, while gaining a better understanding of the future of the HVACR industry.

While the conference is nearly a year way, the deadline to submit a session for the in-person portion of the event is August 15, 2022. Visit escogroup.org and click the conference link. .

PIPE PROP®

The Professional's Choice

Adjustable Rooftop Pipe Support System

NEW Rubber Base **Just Drop & Go**

- > Low Profile
- > 2.5 lbs
- > No Adhesive Needed

PipeProp.com | 1-888-590-0120

Let the Fresh Air Flow Indoors & Save Money Too!

A steady flow of fresh air is important to a healthy home or office, but you also want to save on costly energy bills. You can enjoy both with our split system economizers. Controlled by the Honeywell Jade® system, it offers "free cooling" when outdoor conditions are right and provides a steady flow of minimum outside air. Call us to learn more about how to keep your customers breathing easier (and saving on energy bills.)

Horizontal or Upflow 5 - 15 ton unit for commercial applications.

Horizontal or Upflow 1.5 - 5 ton unit for residential/commercial uses.

Upflow (1.5 - 5 ton unit for residential/commercial uses.

Houston • Dallas • Phoenix
281-987-8400 • mcdanielmetals.com

ComfortStar®

Air conditioning and Heating

Heat Pump Horizontal Side Discharge Condensing Unit

CPR Series

19.5 SEER

1 1/2 up to 5 Tons

Perfect for replacement or new installations

The New Universal Side Discharge Split System



Low Noise Level

FEATURES:

- Sound level - As low as 56 DBA.
- 50% smaller foot print than a regular condensing unit.
- Self diagnostic.
- Works with 24V Thermostat
- Should say air handler or A Coil
- Can be matched with a standard air handler and A coil.
- Gold fin protection.
- Low ambient temperature 5F
- Copper + Gold fin aluminum



Warranty Registration required except California and Quebec, Canada



KENDALL: 13405 SW 131st Street,
Miami, FL 33186 • 305-506-1980
Fax: 305-506-1987
• Monday - Friday: 7:30am-5pm
Saturday: 8am-Noon
E-mail: SalesKendall@ar-supply.com

POMPANO: 2528 North Andrews
Avenue Extension, Pompano Beach,
FL 33064 • 1-954-871-8804
• Monday - Friday: 7am-5pm
Saturday: CLOSED
E-mail: SalesPompano@ar-supply.com

DORAL: 2650 NW 89th Court,
Doral, FL 33172
• 305-471-4788 Fax: 305-471-4780
• Monday - Friday: 7am-5pm
Saturday: 8am-Noon
E-mail: SalesDoral@ar-supply.com



www.ar-supply.com | www.comfortstarusa.com

Comfort, it's in our name

New Reliable® Architectural Louver Protects PTAC Units Against Extreme Weather

Geneva, AL – May 12, 2022 – Reliable® has expanded its collection of architectural louvers rated for severe weather and extreme performance with the newly-designed Florida-approved AEL-42-7020-MD louver.

The 1.5-inch-deep horizontally-bladed stationary louver is Florida Building Code-certified (FBC# 40250.1) for high-velocity hurricane zones (HVHZ) and specifically designed for use with ductless packaged terminal air conditioner (PTAC) units. Developed with OEM customers in mind, the AEL-42-7020-MD permits ample fresh air ventilation without comprising PTAC system performance.

“The AEL-42-7020-MD interlocking blades were engineered to withstand hurricane-level storms with wind loads up to 50 PSF,” said Joe Rockhold, louver product manager, Reliable.

With ever-increasing extreme weather events, the combination of protection against wind-born debris while providing fresh air safely has been a challenge. The AEL-42-7020-MD achieves both to help building owners create healthier environments with peace of mind.

The AEL-42-7020-MD is constructed from extruded aluminum, and its minimal wall thickness is an aesthetically-pleasing design for hotel, senior living and healthcare facilities, or other locations that require packaged terminal air conditioning units.

Reliable louvers are factory-finished in a variety of options and backed by an industry-leading 20-year finish warranty and 5-year product warranty. For more information about Reliable, visit www.reliablelouvers.com.



Certified by Florida Building Code to protect PTAC ventilation openings in high-velocity hurricane conditions.

Embraco Brings Extra Energy Efficiency And Extended Cooling Capacity In Its X Generation Compressors

May 2022 - Embraco, a global provider of refrigeration technology for the residential and commercial cold chain, and a portfolio brand of Nidec Global Appliance, has a new generation of compressors for commercial applications in the North American market. Each platform is an evolution of previous generations and brings a set of specific attributes, such as higher levels of energy efficiency and extended cooling capacity. Called the X Generation, it is composed of a set of robust models from the EMX, NTX, NJX and NEX compressors families.

The whole new generation was designed for the use of natural refrigerant (R290). “This is part of our strategy to keep investing in future proof solutions, but always keeping our legacy products for the existing refrigerants”, explains Michel Moreira, Sales Director at Nidec Global Appliance, where he is responsible for Embraco’s commercial products portfolio in the North American region. The X Generation compressors are also highly energy efficient, supporting commercial refrigeration equip-

ment manufacturers to comply with the upcoming energy efficiency regulations for the sector.

With the exception of the EMX-HST, because of size limitations, this generation was also designed considering its use with the new R290 charge limits that are expected to take place in the US in the near future. These product families can handle larger flammable refrigerant charges increased from 150g to 500g [17.6 oz], in open cabinets and to 300g [10.6 oz] in closed ones. It would enable the adoption of R290 products in larger commercial refrigeration applications. The new UL standard on the subject was recently published, but before the new charge limits could be implemented in the U.S. they first need the EPA SNAP approval as well as require Ashrae 15 Standard and Building Codes update.

The four platforms have been launched in waves in the North American region, with the EMX HST (High Starting Torque) getting to customers in the end of 2021, the NJX in the first part of 2021, and the NEX and NTX in the end of 2020. Each family responds to specific market demands.

It's Lights Out for Dust, Debris, and Fog with Brass Knuckle® Midnight Safety Glasses



CLEVELAND—May 26, 2022—Clear vision is vital to most every job out there and Brass Knuckle® has created eyewear that can handle just about anything work throws at it. Dust and debris? Fog? No matter the threat, it's lights out with new Midnight (BKDST-1050AFP) Safety Glasses. The trifecta of face-tight gasket, SideShield, and wraparound protection makes work comfortable for the wearer, and life miserable for dust and fog. The lenses feature BK-Anti-FOG+, the world's best anti-

fog protection, to keep vision clear in high-moisture, high-heat conditions. When opened to wear, exclusive SideShield earpieces meet extended lenses at a tight, precision-cut seam for true wraparound protection.

Brass Knuckle began developing its science to meet EN 166/168, which was and remains the most stringent anti-fog standard in the world. Then they continued to tweak the BK-Anti-FOG properties until it exceeded those standards. They didn't stop there, as each lens also offers 99.99% UV protection, and also meets demanding industry test requirements (ANSI Z87.1, EN166UV) and offers abrasion and chemical resistance.

WOMEN IN HVACR 19TH ANNUAL CONFERENCE

PHOENIX - ARIZONA NOVEMBER 2-4TH 2022

Enjoy The Ride PHOENIX 2022

WOMEN

IN HVACR

20 YEARS

ARIZONA GRAND RESORT

NOVEMBER 2-4, 2022

Come and "Enjoy The Ride" at this very special conference as WITVACR Celebrates its 20th Year Anniversary!

REGISTER NOW!

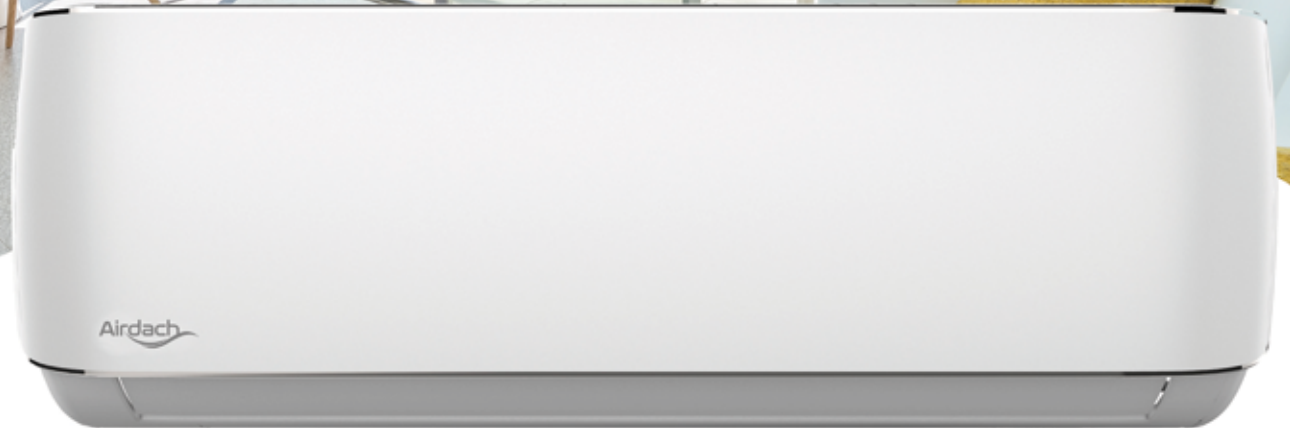
www.WomenInHVACR.org/EnjoyTheRide



Airdach

Heating &
Air Conditioning

Up to **21** SEER
10.5 HSPF



HIGH WALL INVERTER MINI SPLIT SYSTEMS

Easy to install / Service friendly units



**CENTRAL AIR
CONDITIONING & HEAT
PUMP SYSTEMS**

Capacities: (BTU's)

24K 30K 36K 42K 48K 60K

Up to **14** SEER



**INVERTER CENTRAL AIR
CONDITIONING & HEAT
PUMP SYSTEMS**

Capacities: (BTU's)

24K 36K 48K 60K

Up to **18** SEER

Airdach inventory
available now
Scan for complete
product line up



OLDACH
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

www.oldachusa.com

Orlando Store:
3004 Silver Star Rd.
Orlando, FL 32808
☎ (407) 270-9670

Kissimmee Store:
1001 Armstrong Blvd. Suite 13
Kissimmee FL 34741
☎ (407) 530-5599

NOW OPEN!

Tampa Store
5110 W Knox St. 33634
Tampa FL 33634
☎ (813) 559-7300

AHRI Releases March 2022 U.S. Heating and Cooling Equipment Shipment Data

U.S. shipments of central air conditioners and air-source heat pumps totaled 945,983 units in March 2022, up 2.3 percent from 925,031 units shipped in March 2021. U.S. shipments of air conditioners increased 1.1 percent, to 583,253 units, up from 576,646 units shipped in March 2021. U.S. shipments of air-source heat pumps increased 4.1 percent, to 362,730 units, up from 348,385 units shipped in March 2021.

Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 8.2 percent, to 2,434,073 units, up from 2,248,729 units shipped during the same period in 2021. Year-to-date shipments of central air conditioners increased 6.7 percent, to 1,439,381 units, up from 1,348,522 units shipped during the same period in 2021. The year-to-date total for heat pump shipments increased 10.5 percent, to 994,692, up from 900,207 units shipped during the same period in 2021.

Bluon Launches BluonSearch, The Most Comprehensive Cross Reference, Parts and Equipment Database Tool for HVAC

IRVINE, Calif. – May 11, 2022 – Bluon, Inc., the rapidly growing company focused on upgrading the HVAC industry, today announced the launch of BluonSearch, the most comprehensive parts and equipment cross-reference database in HVAC. BluonSearch represents a giant leap forward in enabling HVAC distributors to quickly determine their customers' needs and satisfy them using their local inventory - all through a highly intuitive, brand-agnostic tool providing instant access to over 300,000 unique model numbers and 3 million unique parts, with over 40 million listed cross-references.

Distributors lose a staggering portion of potential part orders - estimated at up to 50% - by not having an easy-to-use, comprehensive database enabling

them to determine what part, or equivalent part, their customer actually needs. BluonSearch solves what is a shockingly pervasive problem in the HVAC industry, costing local distributors billions in lost potential revenue, and technicians countless hours of lost time.

BluonSearch is the rebirth of XREF, acquired by Bluon in 2021, that provided basic access to replacement parts and cross-reference information for HVAC distributors nationwide. Bluon and its unique team of technicians and database engineers spent nine months pouring over the immense database adding specifications and new connections and most importantly, ensuring data accuracy. The result is BluonSearch, an entirely new, updated database that allows even the most novice employees to instantly

add decades of experience to their daily interactions with customers.

"We are excited to provide our customers with a much-needed, comprehensive equipment and cross-reference tool," said Adam Curry, vice president of software at Bluon. "It turns out that the world of HVAC parts and equipment is kind of a mess. The industry is large but fragmented, so we've had hundreds of manufacturers produce millions of parts, but no one has created a truly brand-agnostic map for navigating it all. This lack of a simple search tool is a hidden tax on the industry, costing billions in missed sales and lost productivity. BluonSearch is a huge leap forward for HVAC distributors and their customers."

BluonSearch is part of the BluonLive platform, which will connect over 110,000 HVAC technicians currently using Bluon's mobile support app with their local HVAC distributors. BluonLive, set to launch in June, will provide distributors with a powerful new way to receive order requests from technicians in the field that come fully informed. It will let the distributor know the specific Model # that tech is working on and all known compatible replacements for specific parts requested.

Bluon recognizes that HVAC techs are the heart and soul of the industry and the ultimate drivers of its efficiency and innovation. Bluon's support platform is a revolutionary mobile app that offers tools, training and 24/7 tech support to HVAC technicians in the field.

ARMSTRONG AIR® Make The Right Choice! Become an Armstrong Air Dealer Today!



**Go Pro! The right balance
between energy use,
temperature and humidity**

**With the Pro Series, your
customers get their
environment, their way,
every day. Nothing less.**

**Pro Series available
from 14-20 SEER
Convenient Financing
Options available on
all Pro Series Units**

The Professional's Choice

**At Saez we understand that as we join forces together, we
are not just partners, but a family, seeking the best interest
for each other as we work together toward our success**



Miami Main
8290 N.W. 25th Street
Miami, FL 33122
Tel: 305-592-2330
Fax: 305-477-0709

Hialeah Branch
9615 N.W. 80th Avenue
Hialeah Gardens, FL 33016
Tel: 305-821-4766
Fax: 305-821-4936

Broward Branch
5610 N.W. 12 Avenue
Ft Lauderdale, FL 33309
Tel: 954-358-1315
Fax: 954-358-1312



TWO SEALS. ONE GREAT INTEGRATED FITTING DESIGN.

ACR COPPER PRESS FITTINGS



INTRODUCING **ACR COPPER PRESS FITTINGS** FROM MUELLER STREAMLINE.



Refrigerant systems are demanding. Our engineers knew advanced sealing and strength would be needed for press fittings to work with ACR applications. As a result, we developed our proprietary Two Ring Advanced Press (T.R.A.P.) Technology — two (2) specially engineered HNBR sealing rings operating in tandem with our unique TrapZone™ sealing barrier. Working together as one design, these features make Streamline ACR Press Fittings the most reliable flameless joining solution for refrigerant systems.

Streamline®
Streamline Your System

©2022 Mueller Streamline Co.
Collierville, TN 38017

www.muellerstreamline.com

Performance Pointers

by David Richardson



Two Tests That Add Something Extra to the Ordinary Call

The summer heat is upon us, and the daily grind of non-stop calls will soon wear on you. In the middle of the madness, it's easy to forget the value you provide. As a result, you get numb moving from one call to the next just to get through the day. The intense pace and heat suck the fun out of what you do.

What if there was a way to add something a little extra to each call and make the job more interesting and fun? I'm not talking about doing more work but cutting out the unessential things you do and replacing them with something better. Let's look at two tests you can add to any ordinary service call and make it extraordinary for you and your customers.

One: Measure Static Pressure

As an industry, we have gotten into a bad habit of assuming the duct systems we see each day work properly. We get so focused on the equipment that we forget to look at what's attached to it. What if you could get a glimpse into how well the HVAC system's airside performs? If you measure static pressure on each service call, you can.

Total External Static Pressure (TESP) is the first pressure to measure. It's the amount of resistance the air handling equipment must overcome to move air through the duct system and over components like an air filter and coil. You can think of TESP as the HVAC system's blood pressure and an overall health indicator.

If TESP is high, it shows there's a potential airside problem to investigate further. You'll need to measure pressure drops and duct system pressures to discover the cause(s) of excessive TESP.

Filter pressure drop helps you see how restrictive the air filter is. This test can lead you to filter upgrades simply by taking two pressure measurements to determine if the filter is too small or restrictive. It can also show the impact of a clean filter compared to the old one that you replace.

Coil pressure drop is a quick way to determine if an indoor coil is restrictive. Instead of tearing into the coil cabinet, this measurement helps you decide when to visually inspect the coil and see if it's plugged with dirt and debris. If you need to clean the coil, you can compare the before and after pressure drop measurements to verify a successful cleaning.

Duct pressures give you a glimpse into how restrictive the supply and return duct systems are. A single pressure reading where air enters the air handling equipment reveals the condition of the return duct system. A second pressure reading where air exits the air handling equipment shows the condition of the supply duct system. If pressures are high, you can move down the duct system in four-foot increments until you discover a large change in pressure. Use this test to diagnose poor fittings and internal duct restrictions.

Two: Measure System Temperatures

Most service technicians measure supply and return dry bulb (db) temperatures from the equipment. However, if you add the farthest supply register and return grille temperatures to your calls, you look beyond the equipment and see the duct system's influence.

When you take supply register and return grille temperatures, you can see how much cooling is lost through duct system insulation and leakage. Many technicians use the equipment temperature drop (Δt) as a performance indicator. You can also look at the duct system Δt and compare it to the equipment's Δt . A duct system without excessive temperature loss should have a temperature change within 10% of the equipment's Δt .

Taking these two extra temperature readings will open the door for many opportunities to correct issues that have gone uncovered for decades. You may help one customer decide to stick with your company because you gave them the extra piece of information

that helped them discover why one room in their home is uncomfortable.

Next Steps

With the two measurements we briefly covered, you can help a customer see a side of their HVAC system they've never seen before. These tests make work fun again because you never know what you'll find. One reading may hold the clue to a problem your customer would pay dearly to solve.

It doesn't take much additional testing or time to achieve these results. You can typically add "something extra" to your service calls in less than five minutes with the right tools and some practice.

The trick is figuring out the unessential things you do on each call and then replace them with measurements that matter. For example, if you attach your gauge manifold to every cooling system you service, there's one unessential thing you can stop. Only gauge up when needed.

As you move to each call, ask yourself, are you checking boxes and punching the clock, or did you really make a difference? Consider how you can use these two tests to move past the summer insanity and make a difference in the lives of your customers. Add something "extra" to your ordinary calls and make them extraordinary.

David Richardson serves the HVAC industry as the director of technical curriculum at the National Comfort Institute, Inc. (NCI). NCI specializes in training that focuses on improving, measuring, and verifying HVAC and Building Performance.

If you're an HVAC contractor or technician interested in learning more about diagnosing duct systems, contact David at davidr@ncihvac.com or call him at 800-633-7058. NCI's website www.nationalcomfortinstitute.com is full of free technical articles and downloads to help you improve your professionalism and strengthen your company.

The Original!

LucasMilhaupt®
SIL-FOS®

UNITED STATES PATENT OFFICE
HARDY & HARMAN, OF NEW YORK, N. Y.
ACT OF FEBRUARY 21, 1901

Lucas Milhaupt Original Sil-Fos.
The one pros ask for by name.

MADE IN USA

www.LucasMilhaupt.com/silfos | p 800-521-5490

SMART SNAKES

www.smartsnakes.com

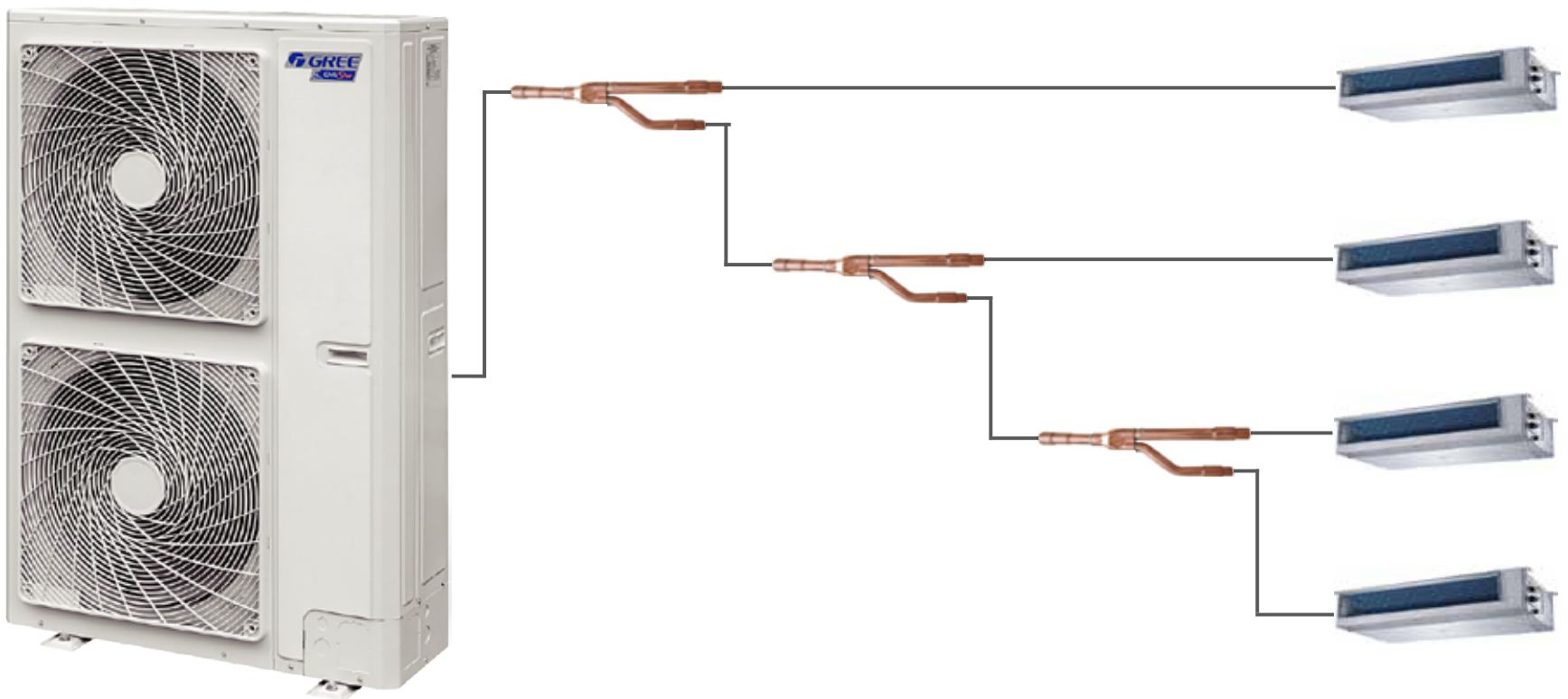
Want to reduce your clogged A/C drain callbacks?

20' Stainless Shaft
Passes Through 3/4" PVC 90° Fittings
Reduced Call Backs
Eliminates Nuisance Clogs
Ideal for Clearing Multi Story Common Drain Risers

See the videos at www.smartsnakes.com

sales@smartsnakes.com
407 502 8527

MULTIPRO makes it easy.



No branch box

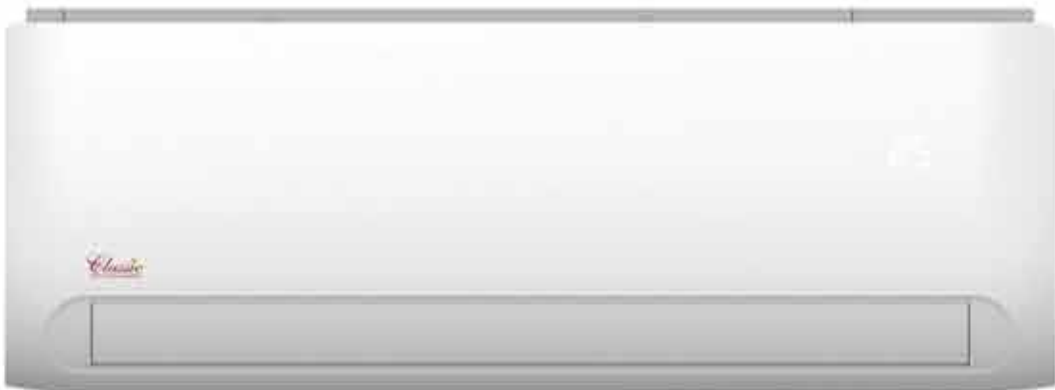
- Piping flexibility
- Lower installation cost
- Simpler install
- No additional condensate drain



G R E E C O M F O R T . C O M



PURCHASE A COMPLETE
Classic **MINISPLIT SYSTEM**
AIR CONDITIONERS



5 Year Compressor Warranty
2 Year Replacement Parts Warranty
Replacement Parts Kept *IN STOCK*



& GET A FREE Ultravation® UV LIGHT
Better Air | Better Water | Better Living™

Terms & Conditions Apply: Pick-up only, no delivery. Not applicable with special pricing. Offer subject to change without notice. Products not available at all branches. Offer valid while quantities last.

www.refricenter.net

Refricenter West Palm 561-689-8075 wpb@refricenter.net	Refricenter Hialeah 305-633-1535 hialeah@refricenter.net	Refricenter Broward 954-968-1010 broward@refricenter.net	Refricenter Port St. Lucie 772-879-7800 portstlucie@refricenter.net
---	---	---	--

Refri-Air 305-266-7445 refriair@refricenter.net	Refricenter West 305-447-9675 west@refricenter.net	Refricenter North 305-652-3331 north@refricenter.net	Refricenter South 305-251-9675 south@refricenter.net	Refricenter Tamiami 786-360-0660 tamiami@refricenter.net
--	---	---	---	---

2022 ACCA/CF Apprenticeship Graduation Ceremony at the Altamonte Hilton



May 14, 2022 The ACCA/CF Chapter held its 2022 Graduation Ceremony at the Altamonte Hilton. 29 Apprentices Graduated from 3rd year, 16 from the 2nd year and 33 from the 1st year. Thank you to all who celebrated with the ACCA/CF Apprenticeship Committee and ACCA/CF Board.

Instructors Appreciation - Andy Brunkala, Emery Cary, Apprenticeship Coordinator, Tony Duncan, Ellen Logue, John Nazarchyk, Ray Pearce, Don She-

hane, Mark Wesson and Ken Zalk.

Speaker -Bryan Orr, Kalos Services

2022 Apprentice of the Year – Tran Truong from Energy Air–Received A set of Fieldpiece Digital Gauges donated by Johnstone, \$200, a certificate and Trophy. 2021 Gary MacLeod Award – Salim Hernandez, from Energy Air received a certificate and Trophy.– Larry Stewart had perfect attendance for 1st, 2nd and 3rd year and Received \$100.

Let us help you turn a “JOB” into a “CAREER”!

Paula Huband, Executive Director, ACCA/CF



Celebrating the Achievements of the 2022 ACCA/CF Apprenticeship Graduating Class at the Altamonte Hilton

REHAU Sells Its Business in Russia

LEESBURG, V.A. – May 25, 2022 – The REHAU Group will sell its business in Russia to the local management and will withdraw completely from the country. A corresponding preliminary agreement has now been signed by both parties.

REHAU had already announced on March 4, 2022, to ramp down its business in Russia in a controlled manner. The development of the past weeks has made further decisions unavoidable.

The REHAU Group has been active in Russia for around 30 years and has served the market there primarily with polymer-based solutions for the window,

construction and furniture sectors. With Meraxis, New Ventures, RAUMEDIC, REHAU Automotive and REHAU Industries, the REHAU Group unites strong companies under one roof. With polymer-based solutions, the family-owned company generates annual sales of more than 4 billion euros. More than 20,000 people work for the group of companies, which has grown independently over the course of a century. Passionate and committed, employees at more than 190 sites develop, manufacture and market innovative products and solutions for the automotive, construction, furniture, materials, medical and industrial.

HARDI Distributors Report 26.7% Percent Revenue Increase in March

COLUMBUS, Ohio, May 3, 2022 – Heating, Air-conditioning & Refrigeration Distributors International (HARDI) released its monthly TRENDS report, showing the average sales performance by HARDI distributors was an increase of 26.7% percent during March 2022. The average annual sales growth for the 12 months through March 2022 is 25.3% percent.

“The extraordinary sales growth during the first three months of the year was helped by easy prior year comparisons and the extraordinary price increases that have been passed through,” said HARDI Market Research & Benchmarking Analyst Brian Loftus. “The first quarter is the low season of the year. It will be interesting to see if the annual sales growth will still have a 20-handle at the end of the seasonally important Q2.”

The Days Sales Outstanding, a measure of how quickly customers pay their bills, was 42 days at the end of March 2022. “The March 2022 DSO is comparable to March 2021. This rate is considerably better than the pre-pandemic norm for March in the 48-day area,” said Loftus.

“The TRENDS performance during the past year has tracked the rapid economic recovery. We expect economic growth to be cooling this year,” said Loftus. “Consumer Sentiment is down, inflation and mortgage rates are up. The sales growth at Building Materials and Supply retailers is slowing and our TRENDS annual sales growth has a strong tendency to follow the performance of that group.”

HARDI members do not receive financial compensation in exchange for their monthly sales data and can discontinue their participation without prior notice or penalty. Participation is voluntary, and the depth of market coverage varies from region to region. An independent entity collects and compiles the data that can include products not directly associated with the HVACR industry.



ENGINEERED HVAC PRODUCT SPECIALISTS AND DISTRIBUTORS

THE BARD SOLUTION EXPERTS

THE ADVANTAGE IS ACCUAIR – YOUR SOURCE FOR ENGINEERED PRODUCTS!



SPECIALTY & ENGINEERED PRODUCTS

- VARIABLE/STEP CAPACITY HIGH EFFICIENCY (UP TO 12.0 EER/16.5 IPLV)
- VERY LOW INTERIOR SOUND (DOWN TO LESS THAN 40dB)
- ENERGY RECOVERY – TOTAL ENTHALPY
- HOT GAS REHEAT DEHUMIDIFICATION
- VENTILATION INCLUDING EXHAUST
- SPECIALTY ENERGY CONSERVATION CONTROLS – BACnet COMPATIBLE
- SOUND PLENUMS – ISOLATION CURBS

For design and specification assistance please give us a call or find us online

877.322.2824 • www.accuaironline.com

FRANK SURANYI • frank@accuaironline.com
GREG DUGGAN • greg@accuaironline.com
PENNY ANDERSON • penny@accuaironline.com
LUIS RINZIVILLO • luis@accuaironline.com

2900 W. Orange Avenue, Suite 130
Apopka, Florida 32703

Bard
SINCE 1914



NOT YOUR OLD-FASHIONED AIR HANDLER

LIMITED WARRANTY

10 YEARS Residential

5 YEARS Commercial

1 YEAR Parts

ALL MODELS ARE WIFI READY WITH DOWNLOADABLE APP AND NEW REMOTE

Works with Google NEST and most third party thermostats

INSTALLATION OPTIONS:

- Vertical Upflow
- Vertical Downflow
- Horizontal Left
- Horizontal Right

ELECTRIC HEATER KIT AVAILABLE
5KW-10KW-15KW-20KW



SAMPLE CONFIGURATIONS

SINGLE ZONE

48K Btu/h — 48K Btu/h

60K Btu/h — 60K Btu/h

18K Btu/h — 18K Btu/h

24K Btu/h — 24K Btu/h

36K Btu/h — 36K Btu/h

MULTI ZONE

48K Btu/h — 18K Btu/h

12K Btu/h

9K Btu/h

9K Btu/h

CH-18AHU
CH-24AHU
CH-36AHU
CH-48AHU
CH-60AHU

CH-M18AHU
CH-M24AHU

AHU - 18K-24K-36K-48K-60K Btu/h

- ALUMINUM COIL:** Fewer corrosion points than copper coils.
- AUTO RESTART FUNCTION:** Auto restart in the event of a power outage.
- REFRIGERANT LEAK DETECT:** Protects the compressor from damage by high temperature due to refrigerant leak, by alerting user with error code "EC".
- WIRED CONTROLLER:** Compatible with most 24V thermostats

- INTELLIGENT AIR FLOW:** Allows the technician to automatically and accurately calculate the required static pressure.
- ANTI-COLD AIR FUNCTION:** Fan doesn't blow until the coil is warm, so cold air is not pushed into the room upon startup.
- FAST COOL/HEAT FUNCTION:** When set temperature is more than 10 degrees difference from room temperature, the unit will run at 100% capacity to reach it faster.
- AUTO DEFROST:** Prevents the outdoor unit from freezing up.

Fits in standard closet
Sizes (W×D×H) : 18K-24K (21x17.5x45) 36K-48K (21x17.5x45) 60K (21x24.49x53)



3550 NW 113th Court Doral, FL 33178
cooperandhunter.us | +1-786-953-6706



Malco Products, SBC,
Launches American-
Made Eagle Grip
Locking Tools



DEWITT, NEB.
(May 5, 2022) Malco
Products, SBC, one
of the nation's leading
manufacturers of high-
quality American-
made hand tools, today
announced the launch
of Eagle Grip, its new-

est line of professional-grade locking tools. Eagle Grip
Locking Tools are the first full line manufactured at
Malco's plant in DeWitt, Nebraska, the original birth-
place of the locking pliers.

Forged from premium American steel, Eagle Grip
tools deliver stronger and more reliable performance
on the job and are backed by Malco's 72-year heritage
of innovation, quality and dependability.

Eagle Grip is the strongest locking pliers* in the
world and 100% made in the USA. Malco tools are
designed and built to meet the rigorous demands of
professional users, and in Malco's in-house testing,
Eagle Grip tools outperformed the competition on ev-
ery measure.

The first 6 products in the Eagle Grip line include
locking pliers and clamps for use in sheet metal, auto-
motive, welding and agriculture applications:

Locking Pliers:

- 7" & 10" Straight Jaw Locking Pliers
- 7" & 10" Curved Jaw Locking Pliers with
Wire Cutter

Clamps:

- 11" Locking C-Clamps
- 11" Locking C-Clamps with Swivel Pads

"Since 1950, Malco has built its reputation on
manufacturing the highest quality tools for trade pro-
fessionals," said Rich Benninghoff, president and CEO
of Malco Products. "Our end-users have high expecta-
tions when it comes to the tools they use, and Malco
takes great pride in exceeding those expectations to
provide best-in-class performance. The introduction
of our new Eagle Grip line of locking tools is an excel-
lent example of our dedication to craftsmanship and
building American-made tools you can count on."

"Just like with all of Malco's products, we did not
cut any corners on the design and construction of the
Eagle Grip line," Benninghoff added. "We use a bet-
ter grade of steel, premium heat treat process and rig-
orous testing to ensure that Eagle Grip tools are the
strongest, toughest locking handle tools on the market.
We hope end-users are just as proud to add Eagle Grip
to their toolbox as we are to be introducing it."

Eagle Grip tools are now available for purchase
online through the Eagle Grip website and Malco's
distribution partners. For more information about Ea-
gle Grip, visit www.eaglegripusa.com.

Report
Unlicensed
Activity



Hotline for Florida Callers
1.866.532.1440
(M-F/ 8am - 5:30pm Eastern)
Or send an Email to:
ULA@myfloridalicense.com

JB Warranties Named Among
Best Workplaces for Fourth Year

JB Warranties has been named to Inc. maga-
zine's annual Best Workplaces list. Featured in the
May/June 2022 issue, hitting newsstands on May
17, 2022, and prominently featured on Inc.com, the
list is the result of a comprehensive measurement
of American companies that have excelled in creat-
ing exceptional workplaces and company culture,
whether operating in a physical or virtual facility.

2022 is the fourth year that JB Warranties has
made Inc. magazine's Best Workplaces list. Each
company that was nominated took part in an em-
ployee survey, conducted by Quantum Workplace,
which included topics such as management effec-

tiveness, perks, fostering employee growth, and
overall company culture. The organization's ben-
efits were also audited to determine overall score
and ranking.

JB Warranties' CEO Jeff Bohannon said, "The
pandemic has presented many businesses with chal-
lenges over the past few years, including the need
to maintain a thriving corporate culture despite re-
mote working conditions. We've strived to maintain
a sense of fun and camaraderie between employees
whether they work from home or venture into the
office. The JB Warranties team is honored to be part
of Inc. magazine's best workplaces again."

FOR IMMEDIATE RELEASE



Media Contact Krista Landers
Krista@RSAConsultingllc.com
(813) 468-3283

KEEPING FLORIDA COOL: FLORIDA REFRIGERATION AND AIR CONDITIONING
CONTRACTORS COMMEND LEGISLATURE AND GOVERNOR ON APPROVING
SB 352 TO LOWER HVAC REPAIR AND REPLACEMENT COSTS BY FIXING
OUTDATED LEGAL NOTICE REQUIREMENTS

Tallahassee, Fla, May 18, 2022 - The Florida Refrigeration and Air Condition Contractors Association
(FRACCA) commends the legislature on the passage of SB 352 – Construction Liens, which changes the
Notice of Commencement filing requirements for HVAC contractors to bring outdated exemption
thresholds in line with current repair prices.

The bill ensures significant cost savings for HVAC repairs and replacements for both the contractors as
well as consumers.

"FRACCA expresses its thanks to Representative Melony Bell and Senator Ed Hooper for championing this
initiative and working to support businesses in the HVAC industry." said Paula Huband, Executive Director
of FRACCA. "This change will save both contractors and customers thousands of dollars for the cost of
executing and recording Notices of Commencement for typical repair or replacements, as well as relieve
them from burdensome legal paperwork currently required of small-scale projects."

Currently, a Notice of Commencement must be filed with the clerk of court for HVAC repair and
replacement projects above a specified cost threshold. In 1999, the legislature established an exemption
to this filing requirement to relieve businesses from excessive legal documents on standard repairs. This
exemption threshold was revised in 2006 to its current price level. Contractors need not file a Notice of
Commencement for direct contracts valued at \$2,500 or less and direct contract for the repair or
replacement of an existing HVAC system costing less than \$7,500. While this exemption threshold has the
remained the same for 18 years, repair costs have risen significantly, putting a greater burden today on
businesses doing lesser repairs.

SB 352 raises the exemption limit from \$7,500 to \$15,000, meaning HVAC system repair or replacement
projects valued at less than \$15,000 do not have to be filed with the clerk of court. This exemption applies
only to direct contracts and would not apply where an HVAC contractor is acting as a subcontractor on a
larger repair or replacement or where the project involves the installation of a new HVAC system.

"I am proud to have sponsored Senate Bill 352: Construction Liens during the 2022 legislative session. This
bill makes sense for consumers in Florida as it updates Florida Statute to help consumers avoid
unnecessary costs when repairing or replacing their heating or cooling system" said bill sponsor Senator
Ed Hooper.

"In an effort to keep my constituents cool and comfortable, this language updates outdated thresholds
relating to filing requirements for repairing and replacing air conditioning units here in Florida." said
House sponsor Representative Melony Bell.

The bill passed through the legislature and was APPROVED by the Governor, it now takes effect July 1, 2022.

The Florida Refrigeration and Air Conditioning Contractors Association (FRACCA) is a not-for-profit
trade organization that seeks to promote the heating, ventilation, air conditioning and refrigeration
(HVAC/R) industry in the state of Florida. FRACCA is comprised of nine chapters across the state,
bringing together HVAC/R suppliers and contractors of every size to provide educational and training
materials, advocacy, and partnership opportunities.

PLEASE CONSIDER JOINING YOUR LOCAL CHAPTER TODAY
WWW.FRACCA.ORG

FRACCA - PO Box 592760 - Orlando, FL 32759
(407) 676-0031 - Paula.Huband@FRACCAir.com

GEM~~A~~IRE
D I S T R I B U T O R S

FLEXX

THE FUTURE
IS HERE

High Efficiency
Inverter Technology -
Up to 20 SEER



High Efficiency, Low Rates
AND get an 8% Merchant Fee Credit Back*
See website for full program details



SOUND LEVELS DOWN
TO 55 DB(A) ON
OUTDOOR UNIT



COMPACT DESIGN,
HORIZONTAL (SIDE) DISCHARGE
ON OUTDOOR CONDENSER



CONVENTIONAL, 24
VAC THERMOSTAT
CONTROL

SHOP GEM~~A~~IRE.COM

OR VISIT YOUR LOCAL GEM~~A~~IRE BRANCH TODAY.

Boynton Beach (561) 738-5609
3422 Quantum Boulevard
Boynton Beach, FL 33426

Cape Coral (239) 800-7001
925 East Industrial Cr, Unit 5
Cape Coral, FL 33909

Clearwater (727) 446-5067
1750 N Belcher Road
Clearwater, FL 33765

Daytona Beach New Location (386) 274-1113
475 Fentress Blvd. Suites M & K
Daytona Beach, FL 32114

Fort Myers (239) 337-1310
11975 Amedicus Lane
Fort Myers, FL 33907

Ft. Walton Bch. (850) 862-2100
821 B Navy Street
Ft. Walton Bch, FL 32548

Gratigny New Store (786) 235-8648
2420 NW 116th St
Miami, FL 33167

Hollywood (954) 963-1883
3201 SW 22nd Street # 3265
Hollywood, FL 33023

Jacksonville (904) 733-2415
2899 Powers Avenue, #2
Jacksonville, FL 32207

Kendall (305) 254-3959
13840 SW 119th Avenue
Miami, FL 33186

Kissimmee New Location (407) 738-4700
1901 S. Poinciana Blvd #121
Kissimmee, FL 34758

Lakeland (863) 666-8507
2950 Maine Avenue
Lakeland, FL 33801

Melbourne (321) 722-1200
465 Distribution Drive
Melbourne, FL 32904

Miami (305) 592-2915
2031 NW 79th Avenue
Doral, FL 33122

Mobile (251) 660-1460
4720 Rangeline Road
Mobile, AL 36619

Murdock (941) 255-1788
18230 Paulson Drive
Murdock, FL 33954

Naples (239) 594-7433
6134 Taylor Road
Naples, FL 34109

New Port Richey (727) 849-9181
6514 Orchid Lake Road
New Port Richey, FL 34653

Ocala (352) 629-7117
1600 NE 8th Rd.
Ocala, FL 34470

Orlando (407) 648-0888
4141 N John Young Parkway
Orlando, FL 32804

Panama City New Location (850) 769-1130
3825A West Hwy 390
Panama City, FL 32405

Pensacola (850) 477-8075
202 East Stumpfield Road
Pensacola, FL 32503

Pompano (954) 917-4160
1708 Park Central Blvd. North
Pompano Beach, FL 33064

Port St. Lucie (772) 340-5505
659 N.W Enterprise Drive
Port St. Lucie, FL 34986

Riviera Beach (561) 842-6311
3735 Prospect Ave
Riviera Beach, FL 33404

Sarasota (941) 312-2366
7245 16 Street East, Suite 101
Sarasota, FL 34243

St. Petersburg (727) 522-3133
3250 44th Avenue North
St. Petersburg, FL 33714

Tamarac (754) 222-5093
6001 Hiatus Road, Suite 1
Tamarac, FL 33321

Tampa East (813) 621-0891
6610 E Adamo Dr
Tampa, FL 33619

Tampa West (813) 887-3737
5101 Tampa West Blvd.
Tampa, FL 33634

Valdosta (229) 241-9184
4530 Val North Drive
Valdosta, GA 31602



Learn more today

GEM~~A~~IRE.COM



THANK YOU HVAC/Refrigeration Technicians!

Thank you to all of the HVAC and Refrigeration Technicians who keep our homes and businesses cool and our refrigeration systems up and running! We appreciate your hard work year round!

Join us all month long in celebration of
National HVAC Tech Day (June 22)
and World Refrigeration Day (June 26)!

Purchase any Ruud or Russell product in the month of June and get a **FREE** "Making the World a Cooler Place" t-shirt!



Call or visit your local Tropic Supply Resource Center today!

Cape Coral (T-11): (239) 989.0088
Daytona Beach (T-19): (386) 258.8337
Delray Beach (T-9): (561) 279.2710
Ft. Lauderdale N. (T-2): (954) 565.4803
Ft. Lauderdale S. (T-4): (954) 522.2874
Ft. Myers (T-8): (239) 278.1117
Ft. Pierce (T-6): (772) 465.4707
Jacksonville (T-18): (904) 332.0990

Miami N. / Export (T-1): (305) 652.7717
Miami S. (T-3): (305) 255.0438
Mid Miami (T-7): (305) 638.9673
Naples (T-10): (239) 643.7118
Ocala (T-22): (352) 512.6980
Orlando (T-17): (407) 219.3255
Port Charlotte (T-12): (941) 255.8330
Sarasota (T-14): (941) 378.0910

St. Petersburg (T-23): (727) 373.4003
Sunrise (T-20): (954) 835.6020
Tallahassee (T-21): (850) 300.6595
Tampa E. (T-15): (813) 514.1198
Tampa W. (T-16): (813) 514.9939
West Palm Beach (T-5): (561) 684.3997

Who'd Like Cleaner Air?



Introducing Explorer®-IAQ Thermostats with a Built-in Air Quality Sensor.

Clean, healthy indoor air has never been more important. Our new line of Explorer-IAQ thermostats now includes an exclusive Air Patrol® feature to continuously monitor and control indoor air quality. When needed, they automatically circulate polluted air through the HVAC's filtration system, so everyone can breathe easy.

- Built-in Wi-Fi, Bluetooth, and Sub-GHz radios
- Displays IAQ levels on free mobile app and website
- Compatible with easy pairing VenNet wireless sensors



Residential



Commercial



School



www.venstar.com



We are your #1 Source for Venstar Thermostats and Accessories – Visit us today!



HVAC/R EQUIPMENT • PARTS • SUPPLIES
www.bakerdist.com

We are your One-Stop-Shop for HVACR Equipment, Parts, and Supplies
Sales and Support • Technical Services • Training Events
Ask our dedicated in-house commercial specialists for quotes, submittals, and special requests



www.flcoolingsupply.com

Alabama

Auburn	(334) 826-2250
Birmingham	(205) 591-1100
Dothan	(334) 794-4139
Huntsville	(256) 830-0998
Mobile	(251) 476-2263
Montgomery	(334) 263-3863

Florida

Boyton Beach	(561) 227-9001
Clearwater	(727) 572-0181
Clearwater	(727) 449-1230
Clearwater	(727) 362-6533
Daytona	(386) 274-5345
Daytona	(386) 255-5023
Doral	(305) 592-3510
Fort Myers	(239) 204-3636
Fort Myers	(239) 939-1649
Gainesville	(352) 376-3212
Gainesville	(352) 336-8778
Jacksonville	(904) 407-4477
Jacksonville	(904) 354-6685

Jacksonville	(904) 988-9478
Jacksonville	(904) 355-5651
Kissimmee	(407) 933-8008
Lake City	(386) 755-2009
Lakeland	(863) 687-8178
Lakeland	(863) 668-8186
Lecanto	(352) 344-5300
Leesburg	(352) 728-6222
Melbourne	(321) 768-0220
Merritt Island	(321) 452-5010
Naples	(239) 597-7172
New Port Richey	(727) 847-0445
Ocala	(352) 732-5271
Ocala	(352) 351-2481
Orange City	(386) 878-4444
Orange Park	(904) 272-7700
Orlando	(407) 849-6090
Orlando	(407) 296-7727
Palatka	(904) 407-4500
Panama City	(850) 215-4200
Pensacola	(850) 434-7581
Pompano Beach	(954) 691-0210

Sarasota	(941) 366-5804
Sarasota	(941) 782-0982
Sebring	(863) 314-4494
St. Augustine	(904) 824-1001
St. Petersburg	(727) 525-6926
Stuart	(772) 220-3093
Tallahassee	(850) 576-8102
Tallahassee	(850) 504-9080
Tampa	(813) 217-5913
Tampa	(813) 885-7641
Tampa	(813) 740-8704
Vero Beach	(772) 562-7141
West Palm Beach	(561) 848-1416

Georgia

Albany	(229) 436-0361
Athens	(706) 546-6411
Augusta	(706) 722-0292
Brunswick	(912) 265-5553
Byron	(478) 956-6700
Columbus	(706) 327-1239
Covington	(678) 625-4277

Doraville	(770) 441-1120
Douglas	(912) 384-5809
Forest Park	(404) 608-8820
Gainesville	(770) 532-7374
Lawrenceville	(770) 339-8770
Macon	(478) 742-0737
Marietta	(770) 919-0051
Martinez	(706) 860-3545
McDonough	(678) 432-2191
Milledgeville	(478) 452-2208
Savannah	(912) 234-5164
Savannah	(912) 233-9621
Statesboro	(912) 764-5162
Thomasville	(229) 226-8675
Tifton	(229) 386-0505
Valdosta	(229) 244-1313
Vidalia	(912) 537-3199
Waycross	(912) 283-1838

North Carolina

Charlotte	(704) 332-4900
Charlotte	(704) 588-5050

Gastonia	(704) 864-1110
Hendersonville	(828) 692-7863
High Point	(336) 889-5850
Morrisville	(919) 415-1665
Raleigh	(919) 821-9690
Salisbury	(704) 638-9978
Shelby	(980) 404-6006
Wilkesboro	(336) 844-7029
Wilmington	(910) 452-3313

South Carolina

Charleston Heights	(843) 554-8010
Columbia	(803) 779-8520
Greenville	(864) 233-1300
Myrtle Beach	(843) 626-2288
Spartanburg	(864) 583-5498

Tennessee

Jackson	(731) 424-6054
Jackson	(731) 423-2100
Kingsport	(423) 247-1111
Knoxville	(865) 673-8500
Nashville	(615) 883-1156

Aspen Manufacturing
Introduces LGM Series
High-Efficiency, Multi-
Position Aluminum Coil
120V Air Handlers



LGM Series

horizontal left installations onsite by HVAC technicians.

When a proper metering device is used, the LGM Series units are ETL listed for use with R-22 or R-410A refrigerants. In addition, they can be AHRI certified with most brands of air conditioners or heat pumps. Available in 2- through 4-ton cooling capacity without electric heat, all LGM Series models are backed by a 10-Year Limited Warranty.

When properly installed and tested in accordance with ASHRAE standard 193, the sturdy, fully insulated galvanized steel cabinet offers less than 2% air leakage from the cabinet.

A factory-provided knockout for duct return is standard on all LGM Series models, and all feature an easy access door for coil cleaning.

All LGM Series models feature a high-efficiency 120-volt ECM motor with factory programmed software to control motor speeds and torques. Aspen's proprietary software encoding allows the ECM motors to provide optimal performance and reliability. Rail-mounted blowers allow easy removal during service and routine maintenance by HVAC technicians. An electronic control board includes a blower time delay which helps to maximize heat/cool extraction and offers an integrated fuse for additional protection.

A high efficiency, all-aluminum coil with rifled tubing and enhanced fins allows maximum heat transfer on all LGM Series air handlers. As a US-based manufacturer, all Aspen coils are leak tested using a two-stage pressure decay and mass spectrometer process. Further, the coils are pressurized with Nitrogen and factory sealed for maximum reliability.

LGM Series air handlers are available with either factory-installed orifice or TXV metering devices. Units can be converted with bolt-on TXVs during field installation.

Founded in 1975 and based in Humble, Texas, Aspen Manufacturing is a leading independent manufacturer of evaporator coils and air handlers under the Aspen and Airmark brands. Aspen's current product offerings include a broad range of residential and light commercial evaporator coils, coils and blowers for manufactured homes, and air handlers which are sold throughout the United States and Canada by wholesalers and distributors.

Aspen utilizes state-of-the-art fabrication and assembly equipment as well as stringent quality inspections to maintain the highest possible quality in all its products. More information about Aspen's brands can be found www.aspenmfg.com and www.airmark-ac.com

HVAC Excellence Rebrands Its
Education Conference

This year, HVAC Excellence has rebranded its conference from National HVACR Educators and Trainers Conference, to National HVACR Education Conference, to appeal to everyone who is involved in the training and educating our workforce. It has long been thought that HVACR training and education only occurs in career and technical education programs.

The fact is that everyone who works at a contracting firm, supply house, manufacturing facility, publishing company, school or industry organization is involved, to some degree, in training and educating the future and incumbent HVACR workforce.

The success and continued good health of the HVACR industry relies on a well-defined and maintained pathway to carry accurate, up-to-date and relevant information to all who work in this ever-changing trade.

With their new branding, HVAC Excellence's 2022 National HVACR Education Conference, held in Las Vegas, Nevada, attracted a large number of individuals who might otherwise have never thought of themselves as a teacher, educator, trainer or instructor. This year's conference offered over 70 breakout sessions conducted by industry-leading manufactur-

ers, organizations, authors, online personalities, and other nationally-recognized professionals. These sessions covered a wide range of subject areas including customer service skills, teaching methodologies, new technologies, ductless split systems, recruitment, and regulatory changes that affect everyone in the industry.

This year's event also hosted an exhibition hall with over 60 booths representing all segments of our industry. The expo hall afforded all conference attendees the opportunity to meet with individuals from our partner companies and organizations to discuss hot-topic HVACR-related issues, handle new tools and equipment, see product demonstrations and network with other likeminded industry professionals.

The conference is open to anyone involved in the HVACR industry (educators, administrators, trainers, wholesalers, contractors, etc.) who is interested in learning about new technologies, codes, content-delivery techniques, and interacting with those who change the face of our industry.

To learn more about HVAC Excellence's 2023 Education Conference, visit escogroup.org and click the conference link. We look forward to seeing you in Las Vegas, March 20-22, 2023.

REFRIGERANT TANK RACKS

For Service Vans & Pick Up Trucks

#001835
Aerosol & Calk Holder

5 POPULAR MODELS

EVERY SERVICE TRUCK NEEDS ONE
MADE TO LAST!
WELDED 16 GA. GALVANIZED TUBE
STEEL FRAME AND 12 GA. G90 STEEL
RINGS.

RADIUS BEND FOR
STRENGTH AND
SMOOTH LINES

#004791
"Junior"

#004794
"Big Boy"

#004795
"Li'l Boy"

#004796
"Shorty"

#004797 - "LAZY BOY"

Name	Part #	Height	Width	Depth	50 lb.	30 lb.	R-oxy	MC	NIT
JUNIOR	004-791	48"	13"	12"		3	1	1	1
BIG BOY	004-794	45"	20"	12"	1	2	1	1	1
LI'L BOY	004-795	42"	20"	12"		3	1	1	1
SHORTY	004-796	36"	13"	12"		1			
LAZY BOY	004-797	17"	41"	12"		3	1	1	

THE METAL SHOP
www.metalshop.org

OFFERING YOU THE GOLD STANDARD SINCE 1982

Scan For
PDF Catalog



SFACA Monthly Program Meeting HVAC Job Fair 2022 May 4th, 2022

The May SFACA Program Meeting was held on May 4th at 5:30 p.m. at the Tropical Acres Steakhouse in Fort Lauderdale. SFACA hosted a free Job Fair during the meeting. The HVAC Job Fair 2022 enabled contractors to interview candidates and hire HVAC technicians, engineers, mechanics, installers, refrigeration technicians, and apprentices.

SFACA also invited Career Source and Associ-

ated Builders and Contractors to the job fair to explain apprentice opportunities in the HVAC industry! Grant funds up to 15,000 available through Career Source. Apprentice Training available through the ABC Institute and SFACA's Apprenticeship Academy. Classes starting September 2022.

Next meeting will be held on June 1st at 6 p.m. at Tropical Acres Steakhouse in Ft Lauderdale. This will

be their Annual Vender Showcase. This is an excellent opportunity for one-on-one marketing on commercial and residential controls products. This will help contractors throughout Miami-Dade & Broward Counties understand the recent advances in controls including capabilities and benefits to the end users and contractors. There will be Give-aways, Networking, Raffle, Bites & Bar, and Door Prizes! See you there!



Jeff Campen of PIKE Mechanical, Phil London of Thermal Concepts and Gregg D'Attilio of ART Plumbing Air & Electric



Andy Andres and Jacklyn Andres of Brisk Air, Bob Volin of Air Design Concepts, and Brad Higgins of Pride Air Conditioning



Angelica Baena-Alonso and Fernando Alonso of Master Cooling Contractors



Jason Hebbert of Arpec discusses current positions that are available



Eric Greentree and Chad Aitken of GreenTree Air explain what to expect if hired as a technician with their company



Nelson Guerra of Air America Air Conditioning interviews a potential HVAC technician



Kelly Dexter, SFACA president, speaks to the members about the current situation in the HVAC industry workforce



There was a good turnout for the SFACA Program Meeting and the HVAC Job Fair 2022



Ed Lawton of Enterprise with Stacey Miller of SFACA

LG Electronics Honored by U.S. EPA as 2022 Energy Star Partner of the Year

WASHINGTON, May 5, 2022 – LG Electronics has been named 2022 ENERGY STAR® Partner of the Year-Sustained Excellence by the U.S. Environmental Protection Agency. This prestigious honor, a distinction LG has received nine times since 2012, recognizes the company's exemplary commitment to protecting the environment through leadership in ENERGY STAR certified products and promotions.

"As a long-time ENERGY STAR partner, LG views its collaboration with the EPA as a paramount for the company, our employees, consumers, dealers and other stakeholders," said Thomas Yoon, president and CEO, LG Electronics North America. "Consistent with our focus on environmental sustainability as a core business principle, LG is 100-percent committed to demonstrating that working together can inspire change, improve energy efficiency and protect the environment."

Marked by unprecedented consumer demand for energy-efficient appliances and exploding interest in climate action, 2021 was an incredible year when American consumers purchased 10 ENERGY STAR certified LG products every minute.

LG and other award-winning 2022 ENERGY STAR partners are "demonstrating what it takes to build a more sustainable future," according to EPA

Administrator Michael S. Regan. "They are showing once again that taking action in support of a clean energy economy can be good not only for the environment, but also for business and customers. We know it's going to take all of us working together to tackle the climate crisis," he said.

Each year, the ENERGY STAR program honors a group of businesses and organizations that have made outstanding contributions to protecting the environment through superior energy achievements. ENERGY STAR award winners lead their industries in the production, sale, and adoption of energy-efficient products, homes, buildings, services, and strategies. These efforts are essential to fighting the climate crisis and protecting public health. To learn more about LG's ENERGY

STAR products, please visit LG.com.

LG Electronics USA, Inc., based in Englewood Cliffs, N.J., is the North American subsidiary of LG Electronics, Inc., a \$63 billion global innovator in technology and manufacturing. In the United States, LG sells a wide range of innovative home appliances, home entertainment products, commercial displays, air conditioning systems, energy solutions and vehicle components. LG is a nine-time ENERGY STAR® Partner of the Year.



Tennessee College of Applied Technology Granted Accreditation



HVAC Excellence is pleased to announce that the HVACR training program at the Tennessee College of Applied Technology in Knoxville, TN has been granted accreditation.

To pursue this accreditation, they completed a detailed, comprehensive self-study, that demonstrated compliance with each of the required standards. The self-study was then sent to HVAC Excellence, where an accreditation review board thoroughly assessed the submission.

The accreditation review board, having approved the self-study, sent a team to conduct an intense, onsite review of the program. The onsite team was tasked with validating compliance with all the established standards and the accuracy of the self-study. The onsite team consists of two members, one who has served as an HVACR instructor, the other as a school administrator. They are seasoned professionals, that possess the knowledge, training, and experience to successfully evaluate every aspect of an HVACR program.

Upon a thorough review of all the documentation presented by the administration, faculty, and the onsite accreditation team, the HVAC Excellence accreditation review board unanimously decided to grant accreditation of the program.



**ECONOMIC
ELECTRIC MOTORS**
The HVAC Supply Center

4th of July Raffle



**Enter for a chance to win a brand new
Premier Propane BBQ Grill**

Stop by one of our Economic Electric Motor locations
to enter for the 4th of July Raffle.
Drawing to be held on July 1st at each
of our Economic Electric Motor locations.

Sponsored by **ECONOMIC
ELECTRIC MOTORS**
The HVAC Supply Center & **fantech®**

Your HVAC Replacement Specialist - www.economicmotor.com

**ECONOMIC
ELECTRIC MOTORS**
The HVAC Supply Center

Corporate Office: 828 SW 12th Avenue - Pompano, FL 33069 Phone 305-471-0196 Fax 954-545-9100

South Miami
19200 SW 106 Avenue
Miami, FL 33157
305-235-0311

Doral
4075 NW 79th Avenue
Miami, FL 33166
305-471-9610

North Miami
18620 NE 2nd Avenue
Miami, FL 33179
305-651-0311

Pompano Beach
870 SW 12 Avenue
Pompano Beach, FL 33069
954-786-9090

Davie
12980 S. Road 84
Davie, FL 33325
954-916-0999

West Palm Beach
2611 Old Okeechobee Road
WPB, FL 33049
561-683-6262

Myles' Electric
3101 SE Carnivale Court
Stuart, FL 34994
772-283-1633

Boynton Beach - New
4020 Thor Drive
Boynton Beach, FL 33426
561-737-1551



2022 ASHRAE Miami Golf Tournament

at the Miami Beach Golf Club

May 5th, 2022

The 2022 ASHRAE Miami Golf Tournament. was held on May 5th at the Miami Beach Golf Club. Registration started at noon, and a shotgun start at 1 PM. Goodie Bags were presented to each golfer. Proceeds went to ASHRAE Research.

Miami ASHRAE Chapter members enjoyed an afternoon of fun and festivities with industry

peers. On the course, beverage carts were available throughout the entire tournament.

Following the tournament was the awards dinner, presenting awards for 1st, 2nd and 3rd place finish, longest drive, and closest to the pin. Many great raffle prizes too!

Registration is now open for the 2022

ASHRAE Annual Conference, June 25-29, at the Sheraton Centre Hotel, Toronto. The five-day conference includes sessions addressing current trends and technologies in the HVAC&R industry, as well as tours, social events and a keynote message from Fredi Lajvardi, nationally recognized STEM educator and subject of IMAX film, Dream Big.



Registration was fast, and everyone received a nice goodie bag!



Catching some lunch with friends at the Miami Beach Golf Club before the tournament



ASHRAE golfers heading to their first hole after the shotgun start at 1pm



Kyle Goring, Michael Hoo, Genir Ruiz, and Frank Jara of Viega foursome



Dan Rogers, Will Goodspeed, and Kristopher Chung of Flow Control Tech threesome



Joe Lopez Jr, David Lopez, and John Flaherty of ACE threesome



Luis Chinaea, Jaime Bernat, and Ivan Velez of Saez Distributors threesome



Tedd Jaguszty, David Deshields, and Steven Garcia of Daikin threesome



Keith Miller, Jaxon Mills, Jeff Hawk, and Mike Granobles of Cors-Air foursome



Gustavo Calderon, Stefanie Holmes, Steve Bender, Jacob Arana, and Pablo Artega of Envelop Group



Luis Jimenez, Doug Daniels, Andrew Magin, and Tony Roque of Thermal Concepts foursome



Hector Arena, JC Diaz, Armando Cosio, and Roger Coll of JCI foursome



Jorge Alvarez, Danny Diaz, David Fernandez, and Lorenzo Fernandez of Evapco foursome



Antonio Bravo, Carlos Montoya, and Danny Denaro of Cors-Air threesome



Justice Johnson, Adrian Sanchez, and Alejandro Rivas of Tom Barrow threesome



Anselmo Gil, Gus Gomez, Frank Clark, and Javier Flores of Cooling Power foursome



Wagner Braga, Charlie Seybold, Cary Glines, and Raphael Lorenzo of Trane foursome



Alejandro Gutierrez and Alejandro Molinar of HES



Neil Caporale, Marty Capagrec, and Eric Armour of Roth threesome



Brady Spann, Max Marrero, and Rafael Vicens of Addison threesome



Kenneth Hernandez, Christopher Guerra, Andrew Miller, and Corey Balko of B&I foursome



Kyler Asia, Scott Watson, Juan Gonzalez, and Steve Charney of JASCKO foursome



Longest Drive Winner was Christopher Guerra of B&I



Closest to the Pin winner was Kristopher Chung of Flow Control Tech



3rd Place Winners: Luis Jimenez, Doug Daniels, Andrew Magin, and Tony Roque of Thermal Concepts



2nd Place Winners: Luis Jimenez, Doug Daniels, Andrew Magin, and Tony Roque of Thermal Concepts



1st Place Winners: Brady Spann, Max Marrero, and Rafael Vicens of Addison

Rheem® Receives Awards for IoT and Good Design



The new degree of comfort.®

ATLANTA – APRIL XX, 2022 – Rheem®, a leading global manufacturer of water heating and HVACR products, is being recognized for innovation and product design by the IoT Breakthrough Awards and the Good Design Awards.

Rheem received “Overall Company of the Year” designation from the IoT Breakthrough Awards, which provides market intelligence and recognition programs in technology such as Artificial Intelligence, CyberSecurity, Digital Health and FinTech, as well as IoT.

“The IoT awards programs spotlight the ‘breakthrough’ leaders in the world’s most competitive categories of technology,” said Christopher Freeman, Senior Manager of Smart Products at Rheem. “This is an area that receives a high volume of nominations, which makes the honor particularly significant and rewarding for our team at Rheem.”

Rheem’s Global Air Division earned two Good Design Awards. Rheem Classic Plus® Series System

won in the Building Materials category while Rheem Renaissance™ 3-6 Ton Commercial HVAC units received recognition in the Industrial category. The Rheem Classic Plus Series System units offer solutions for homeowner challenges such as small spaces, excess noise, and outdated energy use, ensuring access to high-quality air. Rheem Renaissance 3-6 Ton Commercial HVAC units offer heating and cooling solutions that suit customer’s business needs, design and application requirements.

“We are honored that the Good Design Awards included Rheem in its selection of best products,” said Chris Day, Vice President Product Strategy and Engineering, Rheem Air Division. “It is important recognition for our team members who work diligently to innovate and ensure that our products are leaders in the world marketplace.”

Additionally, Rheem’s Water Heating Division’s ProTerra® Hybrid Electric Heat Pump Water Heater earned a Good Design Award in the Building Materials category. ProTerra combines unparalleled efficiency, first-of-its-kind innovations for the category, and easy serviceability features packed into an aesthetically pleasing design.

Emerson Accelerates Sustainability Leadership with Third Consecutive 2022 ENERGY STAR Partner of the Year Award

ST. LOUIS (May 5, 2022) – Emerson announced its Sensi™ smart thermostats have received the 2022 ENERGY STAR Partner of the Year Award. As three-time winner of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy’s highest honor, Sensi also receives the Sustained Excellence Award – the only smart thermostat to ever receive this award.

“We know it’s going to take all of us working together to tackle the climate crisis, and the 2022 ENERGY STAR award-winning partners are demonstrating what it takes to build a more sustainable future,” said EPA Administrator Michael S. Regan.

ENERGY STAR’s Sustained Excellence Award is the highest honor among the categories. Emerson’s Sensi thermostat became the first smart thermostat to be named ENERGY STAR Partner of the Year in 2020.

“Emerson is honored to be recognized as a leader in developing technologies that advance energy efficiency,” said Jamie Froedge, executive president of Emerson’s Commercial & Residential Solutions business. “With more consumers motivated to take action on environmental sustainability, we’re happy to deliver a solution like Sensi that enables home comfort while lowering costs for consumers and saving energy resources for the planet.”

ENERGY STAR Certified Sensi smart thermostats can save users about 23% of HVAC energy consumption by adjusting the temperature using flexible scheduling, remote access and geofencing. Sensi thermostats empower consumers to control their home temperature from anywhere in the world through their phone. In addition, Sensi delivers monthly usage reports that provide month-over-month comparisons of heating and cooling run times and average humidity levels unique to each home. These reports give users a clear picture of HVAC usage and energy efficiency tips to help them save even more. For more info, go to Sensi.Emerson.com.

Milwaukee Tool Starts Construction of New Facility in Grenada, MA

GRENADA, MS – Milwaukee Tool is excited to announce construction on their newest facility in Mississippi. Located in Grenada County, Mississippi, Milwaukee’s latest expansion will accommodate the company’s growing power tool accessories and power tool business, and will also serve as a centralized repair facility. The new location will create more than 800 new jobs, and is planned to open in mid-2023.

“We’re thrilled to, once again, expand our footprint in the state of Mississippi, where we’ve been able to recruit some of the best talent in the country,” said Steve Richman, Milwaukee Tool Group

President. “Our success is the result of our talented people and the culture we’ve created; it is unparalleled in the industry. We are committed to investing in new talent, and the right opportunities to continue meeting the needs of our distributor and user partners with the speed and agility that defines who we are as a company.”

Milwaukee® is investing more than \$60 million into advanced technology and manufacturing equipment at their new 563,000-square-foot Grenada location. The facility will house critical accessory manufacturing capabilities, and will join the company’s other service hub in Greenwood, IN.

Reliable, Versatile Headlamps Facilitate Safety, Productivity for HVAC-R Contractors



For HVAC-R contractors, a dependable, high-quality headlamp can significantly improve on-the-job safety and productivity. Given the nature of the job, many end up working in poorly lit, cramped, enclosed spaces, so

lighting solutions that allow the use of both hands can be critical.

As with any tool, however, there are choices to make as to cost and quality. Since HVAC-R contractors work in relatively harsh environments, headlamps should be durable enough to withstand rough handling and contact with water, chemicals, dyes, and refrigerants. Choosing a unit that offers advanced features such as multiple lighting settings (spot, flood, close range), are dimmable, or have UV LEDs for leak detection using fluorescent dyes, can expedite job completion and improve safety.

Fortunately, a growing number of durable, professional-grade task lighting tools provide powerful illumination with extended battery life and advanced options to HVAC-R professionals.

For example, the Vizz-IND headlamp offers a consistent 420 Lumens of illumination with a burn time of 90 hours. The headlamp can be switched between a bright LED spot beam for long throw illumination and four 5mm LEDs that deliver a flood beam. The LEDs are dimmable, allowing adjustment to suit the work environment.

Some unique headlamp options help HVAC-R technicians safely, efficiently handle various jobs in the field.

The Remix Ultraviolet (UV) headlamp, for instance, is designed to assist with tasks such as leak detection. The headlamp combines a 300-lumen spot beam with three high-intensity UV LEDs that cause fluorescent dyes to “glow” for leak detection in low light settings.

Another product, the Snap Solo features a detachable magnetic head unit that can be worn as a traditional headlamp, used as a handheld flashlight, or attached to any magnetic surface to illuminate even very confined work areas. The unit provides 300 lumens and a 155-hour runtime.

Although purchasing low-cost headlamps and handheld lights is always an option, contractors and technicians that select professional-grade models with features suited to the task will discover that the improved reliability and performance will increase their safety and productivity for many years to come. For more info, call 1-800-257-9080; email questions@princetonotec.com; or visit our website princetonotec.com







Always get the best!

Distributor Benefits:

- Low wholesale pricing
- Proven Contractor product
- Oakridge Nat'l Lab tested
- Free Store Front displays

Needs only 27" x 19" Floor Space

Contractor Benefits:

- Installs in 10 mins. or less
- Improves HVAC efficiency
- Stops Air Infiltration year round
- Make \$100.00 profit per install

Sold at your local distributor!

If not, call:

(704) 892-5399 or

www.attictent.com

ASHRAE Supported Follow Up Report on IAQ In Schools Released

ATLANTA (May 5, 2022) – ASHRAE provided technical support for a newly released report from the Center for Green Schools at the U.S. Green Building Council (USGBC), detailing how school districts around the country have continued to manage air quality within their schools during the second year of the COVID-19 pandemic.

“Managing Air Quality in the Pandemic: How K-12 Schools Addressed Air Quality in the Second Year of COVID-19” builds on an April 2021 report, “Preparation in the Pandemic: How Schools Implemented Air Quality Measures to Protect Occupants from COVID-19,” which was the first and only known national survey of on-the-ground implementation of indoor air quality (IAQ) improvements at schools during the COVID-19 pandemic. The new report highlights the urgent need to better support school districts with implementation of airborne infection control strategies to support mitigation of the immediate COVID-19 threat, as well as future pandemics, seasonal epidemics and to improve overall indoor air quality.

“Studies have shown a direct link between indoor air quality in schools and student performance and attendance,” said 2021-22 ASHRAE President Mick Schwedler, P.E., Fellow ASHRAE, LEED AP. “This study further underscores the importance of not only providing technical guidance for improving indoor air quality, but the need for practical implementation strategies. We trust that the findings in this report will

lead to more knowledge sharing, expanded partnerships and greater investments to improve indoor air quality and decarbonize our schools.”

The report cites strategies and challenges from school districts serving over 2.6 million students in more than 4,000 schools. Findings shows that schools prioritized increasing outdoor air intake by whatever means were available to them and reflects on how the pandemic and schools’ responses to it have evolved. Importantly for national advocates, the survey responses indicate that school districts in different locales (urban versus non-urban) are seeking guidance from different types of sources.

“Maintaining good indoor air quality is vital to support the health and wellness of students and faculty,” said Anisa Heming, director for the Center for Green Schools. “School districts recognize that proper ventilation is critical to curbing the spread of airborne diseases like COVID-19. However, more than two years into the pandemic, they still need support to find the right strategies and resources to make the necessary changes.”

Lawrence Berkeley National Lab conducted research for the report compiled from a national survey of public school districts during October-December 2021 to assess the implementation of a range of ventilation, filtration, disinfection and air quality monitoring strategies and was followed by focus group discussions with participants.

Lennox Industries Opens Nominations Period for Annual Feel The Love Program to Make Clean Indoor Air Accessible for All

RICHARDSON, Texas, May 2, 2022 /PRNews-wire/ -- Nominations are now open for Lennox Industries’ annual Feel The Love program. The program, now in its 13th year, recognizes deserving community heroes in the U.S. and Canada by awarding heating or cooling equipment and installation free of charge. Through Feel The Love, Lennox continues to advocate for the importance of indoor air quality and the accessibility of clean, comfortable air for all.

As most homeowners continue to spend more time inside their home, Lennox encourages family members, friends, neighbors, co-workers and local organizations to nominate deserving community heroes who are in need of a new HVAC unit to feel safer and to breathe perfect air in their own space. Selected recipients will receive brand new heating or cooling equipment during this year’s Feel The Love Installa-

tion Week, taking place October 8-15, 2022.

“For the past few years, we’ve proudly participated in the Feel The Love program and partnered with Lennox to donate much-needed heating and cooling equipment to our local community,” said Jason Bradford, owner of Nacogdoches Sheet Metal, Plumbing & A/C in Nacogdoches, Texas. “As a Marine Corps veteran, the program and its mission are especially important to me. Lennox’ Feel The Love program has allowed us to bring clean, comfortable air to fellow veterans or community heroes facing disabilities, financial challenges or job loss, which is incredibly rewarding.”

The Feel The Love program is made possible through continued partnership and collaboration with the Lennox dealer network across North America. Since the inaugural Feel The Love program in 2009,

Lennox and its dealers have completed over 1,500 free installations, with 130 installations occurring in 2021.

“The spirit of Feel The Love is needed now more than ever as many in our communities continue to feel the health and financial impact of the ongoing pandemic,” said Quan Nguyen, VP & General Manager at Lennox Industries. “We, along with our dealers, are committed to providing consistently clean, perfect air to our local heroes who continuously put the well-being of others before their own.”

With homeowners’ increased focus on and prioritization of good indoor air quality, Lennox remains committed to ensuring healthy, clean air in every room. For more information about how Lennox is bringing perfect air to deserving households and to nominate a member of your community, visit FeelTheLove.com.

Rheem® Earns Second Consecutive Energy Star® Award



ATLANTA, May 5, 2022 – Rheem® a global manufacturer of water heating and HVACR products has received the 2022 ENERGY STAR Partner of the Year Award from the U.S. Environmental Protection Agency and the U.S. Department of Energy.

Each year the ENERGY STAR program honors a group of businesses and organizations that have made outstanding contributions to protecting the environment through superior energy achievements.

“Rheem is innovating with intent and engineering solutions with lifetime-sustainability in mind,” said Chee Wee Gan, Rheem’s Senior Vice President, Strategy and Sustainability. “We are committed to preserving our planet’s resources through energy efficiency.”

Rheem made a significant commitment to Sustainability with its Greater Degree of Good initiative which highlights “Intelligent Products,” “Responsible Processes” and “Inspired People” to advance select Sustainable Development Goals (SDGs).

“We focus on material selection, smart features and responsible recycling while introducing intelligent air and water products to homes and businesses around the globe,” said Chris Day, Rheem’s Vice President of Product Strategy and Engineering, Global Air.

“We know that heating, cooling and water heating account for the majority of a home’s energy usage and we see the opportunity for Rheem to make a real impact on creating a sustainable future,” said Stacey Gearhart, Vice President of Product Management and Channel Marketing, Global Water. “Our teams across the air and water businesses are working together every day to meet customer needs while lowering environmental impact.”

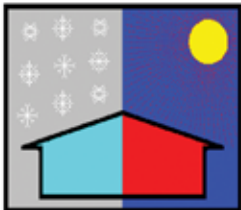
“We know it’s going to take all of us working together to tackle the climate crisis, and the 2022 ENERGY STAR award-winning partners are demonstrating what it takes to build a more sustainable future,” said EPA Administrator Michael S. Regan. “These companies are showing once again that taking action in support of a clean energy economy can be good not only for the environment, but also for business and customers.”

ENERGY STAR award winners lead their industries in the production, sale, and adoption of energy-efficient products, homes, buildings, services, and strategies. These efforts are essential to fighting the climate crisis and protecting public health. Winners are selected from a network of thousands of ENERGY STAR partners.

Elite Software

Over 20 Hvac Design Programs!

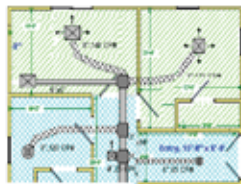
Hvac Load Calcs (Both ACCA and ASHRAE), Duct Sizing, Energy Analysis, Sales Proposals, Pipe Sizing, Gas Vent Sizing, Psychrometrics, Refrigerant Line Sizing and free links to **EnergyGauge**, **EnergyPro**, **ResCheck**, and **REM/Rate** software.



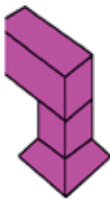
New!

Rhvac Online \$49/up ACCA approved Manual J, D, and S calculations. **Works on phones, tablets, iPads, and computers**

\$199/up To add CAD Drawing Features, Graphic Sales Proposals, Bill of Materials, & Gas Vent Sizing



- Unlimited Free Phone & Email Support
- Manual & Graphic Data Entry Options
- Displays Psychrometric Chart
- Unlimited Cloud Project Storage
- Equipment Data - All Manufacturers



800-648-9523

Download free demos

www.elitesoft.com



Bryant Installs Comfort Solutions in Chip Ganassi Racing Garages

INDIANAPOLIS, May 20, 2022 — Today, Bryant announced the installation of Bryant ductless systems in all Chip Ganassi Racing garages in support of cool, comfortable workstations. Bryant is once again sponsoring Tony Kanaan, driver of the No. 1 The American Legion Honda. This will be his 21st Indianapolis 500 appearance.

Bryant has a rich tradition in auto racing and is the longest-standing non-automotive sponsor at the Indianapolis 500. Legends such as Eddie Sachs, Rodger Ward, Cale Yarborough, Scott Brayton, Chip Ganassi, Stan Fox and Janet Guthrie have all run under the Bryant racing banner. Tony Kanaan earned Bryant its first-ever victory at the 2013 Indianapolis 500.

“Bryant has been a part of the Indianapolis 500 for a long time, and we couldn’t be more pleased to be providing indoor air quality and cooling solutions to Chip Ganassi Racing, their teams and drivers, in support of optimal working and racing conditions,” said Justin Keppy, President, NA Residential & Light Commercial HVAC. “Tony Kanaan embodies Bryant’s Whatever It Takes® philosophy, and we are honored to return as a sponsor for Chip Ganassi Racing at the 106th running of the Indianapolis 500.”

“Thanks to the Bryant units here at the Indianapolis Motor Speedway, our garages are cool and comfortable,” said Tony Kanaan, driver of the No. 1 The American Legion Honda for Chip Ganassi Racing. “From the drivers to the crew, we’ve been very happy with Bryant’s support of the team and protection from the summer heat. Now, let’s go and win the Indianapolis 500.”

For Bryant, the Indianapolis 500 also serves as an opportunity to celebrate its Bryant Factory Authorized Dealers who have gone above and beyond in pursuit of product sales growth, equipment sales, customer satisfaction, outstanding service and participation in various dealer programs and promotions. Of those, Medal of Excellence, Circle of Champions and Pinnacle winners will be recognized from across North America. Two will be awarded the Charles Bryant award and only one will be recognized with the coveted Bryant Dealer of the Year award.



Keep Up-to-Date with

myNATE

Track certifications, CE hours, C3 listings, or update your information anytime at the [MyNATE portal](#).

Toll Free: 877-420-6283 (NATE) asknate@natex.org

Trust

in the Lord 

with all thine heart;

and *lean* not

unto thine own understanding.

in all thy ways

acknowledge Him,

and He shall *direct* thy paths.

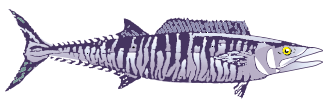
Proverbs 3: 5-6

Join PBACCA at our Annual

High-E-Fishin -Sea-XXX

King Fish • Dolphin • Wahoo
Tournament

Saturday June 11, 2022
7:00 AM to 3:00 PM
Riviera Beach Marina



The **Early Entry** fee is **\$275.00** per boat for members (\$325.00 for non-members), before Friday, May 27th, additional **\$25.00** after.
There are no restrictions on size of boat.

Prizes will be given to the heaviest fish (Kingfish, Dolphin or Wahoo) and will be limited to one prize per boat.



Early Registrants are eligible for the Captain's Party Prize drawing.

1st Prize: \$1,000 • 2nd Prize: \$750 • 3rd Prize: \$500
Junior Angler Prize (16 & under): \$150

Plus many other prize giveaways.

PLATINUM SPONSORS:



For more information contact Pam @ 561-585-3880

**Advertisers
in this Issue**

AccuAir / Bard	21
A&R Supply-ComfortStar	13
AmRad - Global HVAC	5
ATTIC TENT	B8
Baker FCS	10
Blacks Supply	B11
Cooper&Hunter Ductless	22
Daikin Comfort Technologies	9
Drain Guard	4
Duct Saddles DS3	4
Economic Electric Motors	B5
Elite Software	B9
Gemaire	24
GREE Tradewinds	19
Johnstone Supply / Florida	B12
Johnstone Supply / Ware Group	2
McDaniel Metals	12
Mueller Streamline	17
Oldach USA	15
Pipe Prop	12
Refricenter	20
RGF Environmental Group	11
Saez Distributors	16
SmartSnakes	18
Source 1 / York	7
The Metal Shop	3&B3
Tropic Supply	B1&B7
Venstar Thermostats	B2
Women In HVACR	14
Yellow Jacket	6

TODAY'S A/C NEWS

June 2022
Volume 33 / Number 11
Today's A/C & Refrigeration News
is published monthly,
(12 times a year)
by Today's A/C & Refrigeration News
P0 BOX 451821,
Ft Lauderdale, FL 32170
Ph: 954-674-1580 / FAX 866-320-2773
E-mail: jeff@todays-ac.com
Application to mail at periodicals postage
rates is pending at Longwood, FL
and additional mailing offices.

POSTMASTER:
Send address changes to
Today's A/C & Refrigeration News
P0. Box 451821,
Ft Lauderdale, FL 33345

Jeff Schlichenmeyer, Publisher
Copyright © 1988-2022 in series
Today's A/C & Refrigeration News

Today's A/C & Refrigeration News is a tabloid size trade newspaper published specifically for air conditioning contractors, refrigeration technicians, and other trades related to the HVACR & IAQ industries in Alabama, Georgia, Florida, South Carolina, North Carolina, & Tennessee

The publisher of Today's A/C & Refrigeration News does not assume responsibility of statements made by advertisers, or press releases, and reports opinions expressed by suppliers, wholesalers, manufacturers and contractors as quoted. This newspaper may contain forward-looking statements by manufacturers, advertisers and public relations firms. They are believed to be within the meaning of Section 27a of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Although the Today's AC News believes that the expectations reflected in such forward-looking statements are reasonable, it can provide no assurance results will meet or exceed such expectations due to factors that include, but are not limited to, risks associated with market conditions, new products, and risks associated with rapid technological change. All brand names mentioned are trademarks of their respective owners. Reprinting or other duplication of any material or articles within the publication or on our Web site is not permitted without written permission of the publisher.

For advertising sales contact:
Jeff Schlichenmeyer 954-674-1580
jeff@todays-ac.com

CLASSIFIEDS



POSITIONS AVAILABLE

Tropic Supply is hiring for Counter Sales, Drivers (CDL and Non-CDL), Warehouse Associates, and Management roles throughout our 22 locations all over Florida! We are committed to helping you realize your goals and we provide a positive, rewarding, and engaging work environment that fosters a culture based on trust, respect, and long-lasting relationships. We are offering full-time positions with guaranteed overtime, benefits, and compensation commensurate with experience.

Please email your resume to careers@tropicsupply.com.

BLACKS SUPPLY
POSITIONS AVAILABLE

Central Florida HVAC Distributor accepting applications for several positions that are currently available. If you are looking for opportunity to stretch and grow with a company? This is the place! Compensation and benefits relative to position and experience. For info email: tracy@blackssupply.com

HVAC/R positions available throughout FL



JAX Mechanical is looking to hire qualified HVAC/R mechanics right now! We take pride in creating a family atmosphere, where employees enjoy benefits that focus on interaction, goodwill, and wellness. We have competitive compensation based on position and experience as well as a benefits package. Please call 904.249.1400 or send your resume to hr@jaxrefrigeration.com. We look forward to welcoming qualified candidates to become members of the #JAXFamily!

We Stock Fieldpiece!



VPX7 - 10cfm Vacuum Pump



VP87 - 8cfm Vacuum Pump



VP67 - 6cfm Vacuum Pump

Fieldpiece entered the vacuum pump market with one goal: To provide the best possible solution. Now, with our brand new VPX7, VP87 and VP67, we're doing just that. As our latest innovations in the vacuum pump market, these workhorses cut evacuation time, so you can complete more jobs per day. They all feature four in-line ports as well as our RunQuick™ Oil Change System that makes oil changes a breeze on the fly.



DR82 – Infrared Refrigerant Leak Detector



JL3KM2 - Job Link® System Dual Port Manometer Probe Kit



JL3KH6 - Job Link® System Charge and Air Kit



JL3PC – Job Link® System Premium Pipe Clamp Probe



JL3PR – Job Link® System Pressure Probe



MG44 – Wireless Vacuum Gauge



JL3RH – Job Link® System Flex Psychrometer Probe®

Come to **BLACKS SUPPLY** for all of your Tools & Test Equipment Needs!

BLACKS SUPPLY

1206 W. Pine St.
Orlando, FL. 32805
407-422-0181

310 W. Badger Ave.
Eustis, FL. 32726
352-589-8884

2232 N. Forsyth Rd.
Orlando, FL. 32807
407-678-0377

1015 Thomas Ave.
Leesburg, FL. 34748
352-360-0050

COUNTER INTELLIGENCE.



Johnstone Supply Ware Group Port St. Lucie
Matt Berger, Jim Holman,
Billy Kapopoulos, Justin Berger



Johnstone Supply Ware Group Clearwater
Larry Hjortsberg, Vincent Salaaponte,
Marty Pray, Azeem Ali



Johnstone Supply Ware Group Melbourne
Tim Gift, Mark Bybee, Chris Dill, Jeff Dahl



Johnstone Supply Naples
David Dyson, Angela Martinelli, Sergio Ruiz,
David Resch Jr, Luis Parrueco

Counter Intelligence to Meet Your Needs!

- **You need products** – we have over 50,000 at our fingertips
- **You have questions** – our knowledgeable staff have the answers
- **You need confidence** – our ongoing training insures that our staff are up-to-date on the latest
- **You need matches** – our amazing product cross-reference tool will quickly match exactly what you need, and is exclusive to Johnstone Supply
- **You need service** – our friendly staff are laser-focused on providing you outstanding service with personality!

We make it easy for you! Visit www.johnstonesupply.com or give us a call for information or to receive our 2,000 page catalog



Jacksonville [904] 354-0282
Jacksonville South [904] 641-2282
Gainesville [352] 378 2430
Ocala [352] 873-4443
Melbourne [321] 676-4177
Naples [239] 643-3446
Boynton Beach [561] 572-2507
Orlando [407] 849-0573
Port Richey [727]-817-0248
Ft. Lauderdale [954] 971-9350
West Palm Beach [561] 689-3366

Dania Beach [954] 921-8070
Fort Myers [239] 275-3533
Miami [305] 917-0900
Ft. Pierce [772] 468-0211
Tallahassee [850] 576-5922
Clearwater [727] 561-9309
Panama City Beach (850) 235-8050
Deerfield Beach (754) 218-9667
Sanford (407) 324-8003
Lakeland (863) 665-4045

Sarasota (941) 753-8491
Cape Coral (239) 242-8796
Kendall (786) 249-4828
Miami Lakes (786) 476-7340
Stuart (772) 781-0102
Cutler Ridge (786) 430-0777
Doral (305) 592-8605
Daytona Beach (386) 265-6400
Pensacola (850) 436-2008
Ft Walton Beach (850) 362-6880
Brandon (813) 424-3180