

**MULTIPLE SOLUTIONS,
ONE TRUSTED NAME.**



FRIEDRICH

1883

LEADING-EDGE PRODUCT DEVELOPMENT CAPABILITIES



Each Friedrich product starts with a great idea. Our team of engineers develops multiple concepts and selects only the most promising designs. Prototypes are subject to intense scrutiny and testing in our UL-approved lab. Air conditioner prototypes are soak-tested for performance in high humidity and operated in extreme temperatures. They are run continuously to test their longevity. Electronic controls can undergo hundreds of hours of testing. We try to mar the finishes. We even test the packaging's durability on ramps, in truck beds and by dropping and shaking the boxes. Refinements are made. Then there are more tests and feedback leading to more refinements. Conventions are challenged—all before the first machine is manufactured.

Of course, we also conduct extensive field testing in offices, homes and commercial settings. All to ensure that customers receive the quality and durability they expect from Friedrich.



A HISTORY OF
PRODUCT INNOVATION



ONE OF THE MOST ADVANCED HVAC LABS IN NORTH AMERICA



In 2014, Friedrich opened one of the most technologically advanced HVAC labs in North America, The Friedrich Design and Development Center. The lab features:

- Calorimeter Test Chambers for analyzing energy consumption and heating /cooling output
- Psychrometric Chamber to test unit performance and efficiency using air flow and moist air properties
- Hemi-Anechoic Acoustics Chamber where sound tests are conducted in a free-field environment
- Life Test Chamber to test units in a highly accelerated manner to verify the products' expected life span
- Rain Test Room to create an outdoor environment for electrical safety and durability
- Electrical and electronic testing lab
- Calibration and Metrology lab
- Model and Machine Shop
- Application Test Room to test units in real world applications and environments
- Training and Demonstration Room for internal and customer training

The Design and Development Center provides certification testing in accordance to:

ASHRAE Standards AHRI Standards UL Safety Standards
ANSI Standards UL CDTP Requirements DOE and Energy Star Standards



FRIEDRICH AIR CONDITIONING

QUALITY COMPONENTS, SKILLED MANUFACTURING



QUALITY
WITHOUT COMPROMISE



Since its founding in 1883, Friedrich has had one manufacturing standard – quality without compromise. Our state-of-the-art, North American manufacturing facility has achieved ISO 9001:2018 certification for the manufacture of commercial and residential air conditioners. Here, Friedrich employs rigorous quality standards in the manufacture of room air conditioners, thru-the-wall air conditioners and vertical packaged units. The highest quality components and materials are used to make products that are known for exceptional quality, rugged durability and excellent energy efficiency.

Today, Friedrich is recognized as the leading brand of specialty air conditioning products, offering differentiated solutions for indoor air comfort.



FRIEDRICH AIR CONDITIONING

MULTIPLE SOLUTIONS FOR SPECIALTY HVAC APPLICATIONS

Friedrich's expansive lines of room air conditioning products offer solutions for residential, commercial, hospitality, multi-family and hazardous location applications.

Whether the application is a single room or a large facility, we have the cooling and heating solutions you need with the convenience features, performance, capacities, and energy savings your customers want.



Friedrich products include:

- Room air conditioners
- Thru-the-wall air conditioners
- Packaged terminal air conditioners
- Portable air conditioners
- Ductless split systems
- Hazardous location room air conditioners
- Vertical packaged air conditioners
- Dehumidifiers



FRIEDRICH AIR CONDITIONING

MULTIPLE SOLUTIONS, ONE TRUSTED NAME.

ROOM AIR CONDITIONERS

Commercial grade quality with more options for control of energy use

Friedrich Kühl® is built to perform in the rigorous conditions of industrial and commercial applications, but it's also perfect for today's connected home with the convenience and features today's consumers demand. Control a single or multiple units with the FriedrichConnect® app, or with Google Home or Amazon Alexa. Kühl® can even be tied into a building's BMS. Kühl® addresses today's heightened concerns over indoor air quality and is proud to be the only window air conditioner with ASHRAE-recommended MERV 13 level filtration*.

*Requires optional FreshAire® MERV 13 filter and filter brackets for Kühl®

DUCTLESS SPLIT SYSTEMS

The contractor's choice for ductless

Friedrich Floating Air® Premier and Pro ductless lines feature FastPro®, a unique product design that allows for fast, easy access to the indoor unit's blower wheel and coils for easy cleaning and maintenance. Wall-mounted and ceiling cassette models feature built-in Wi-Fi.

PTACS AND VERTICAL PTACS

FreshAire® PTAC The most advanced PTAC ever

FreshAire® PTAC heads up an outstanding line of PTACs. FreshAire® PTAC brings up to 52 CFM of conditioned, filtered fresh air into the space. An inverter compressor provides quiet operation and the energy savings of variable speed technology. Two other outstanding PTACs, ZoneAire® Premier and Select offer quiet operation and energy savings. All Friedrich PTACs offer a 2 yr. labor warranty and 5 yr. limited warranty.

Vert-I-Pak® The Perfect choice for suites and multi-room lodging applications

Friedrich Vert-I-Pak® is a closet-installed vertical PTAC with high efficiency and design features that reduce operating noise transmission into the guestroom. Compact in size and easily installed, it continues to grow in popularity with lodging brands across the country.

FRESHHAIRE® IAQ

ACCESSORIES FOR HEALTHIER, SAFER INDOOR AIR

FreshAire® IAQ solutions incorporate ASHRAE-recommended protocol* to address indoor air quality and airborne transmissions. From MERV 13 filtration, to UV germicidal light, and bi-polar ionization, to our award-winning, patented FreshAire® make-up air system - together, these products represent a major leap forward in integrated HVAC air purification and rebuilding confidence for indoor environments. As your room air experts, Friedrich remains committed to improving the air your customers breathe with our newest innovation, FreshAire® IAQ solutions - indoor air quality options for use with Friedrich Air Conditioners, all with one dedicated purpose - healthy indoor air.

*Based on ASHRAE Guidance for Building Operations During the COVID-19 Pandemic

FRIEDRICH AIR CONDITIONING

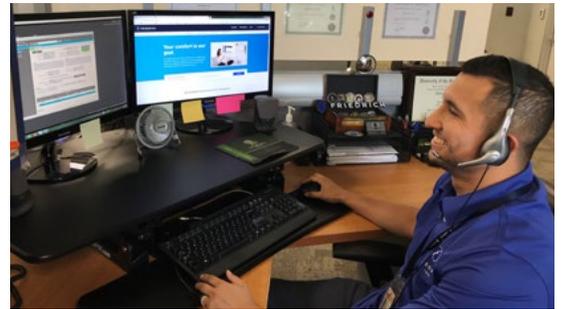
WORKSHOP AND ONLINE TRAINING OPPORTUNITIES

When conditions allow safe interaction with our contractors, Friedrich conducts in-person product training classes in distributor locations across the U.S. Starting in 2020, we began offering online product training classes via Microsoft Teams. These informative classes cover all of our product lines and offer our customers the opportunity to gain valuable product knowledge at their convenience.



U.S.-BASED TECHNICAL SUPPORT

For technical assistance, the knowledgeable representatives from our U.S.-based customer support team are ready to assist you. The Friedrich website is also a valuable source of information. You'll find FAQs, product manuals, product brochures, submittals and technical specifications.



THE RIGHT PRODUCTS AT THE RIGHT TIME

In these unpredictable times, managing product inventory can be a daunting challenge. Friedrich's strategically located distribution centers are able to move product quickly into your warehouse and DCs so your customers have what they need, when they need it.



A GREATER DEGREE OF GOOD™

As a Rheem® company, Friedrich is a big part of Rheem® Manufacturing's commitment to taking a greater degree of responsibility for future generations. We're working hard to do good by our customers, our people, our partners - and our planet.



FRIEDRICH AIR CONDITIONING

OUR COMMITMENT TO EXCELLENCE IS RECOGNIZED BY THE HVAC INDUSTRY

KÜHL® ROOM AIR CONDITIONERS

Our Kühl® line sets the bar for room air conditioner performance and energy control. Kühl® is smart home ready, yet durable enough for the most demanding commercial applications. Soon after it was introduced it received a **Dealer Design Award-Silver** from ACHR Magazine.



FRESH Aire® PTAC

Engineered Systems Magazine honored FreshAire PTAC with a **2021 Commercial Comfort Products Award for IAQ, Ventilation**. Able to bring in up to 52 CFM of conditioned, MERV 8 filtered outside air into the space, FreshAire PTAC is in a class of it's own. The inverter compressor provides quiet start up and operation, and saves energy while maintaining precise temperature.



HAZARDGARD® HAZARDOUS LOCATION ROOM AIR CONDITIONERS

Used on oil rigs, petroleum facilities and other hazardous locations, Hazardgard is the only room air conditioner UL approved for use in Class 1, Div. 2, Groups A, B, C and D hazardous locations. It has received numerous patents for its unique design and robust construction.

HVAC SUPPLIER OF THE YEAR

Affiliated Distributors (AD) recognized Friedrich as **2019 HVAC Supplier of the Year**. A premier group of industry-leading HVAC distributors and suppliers in North America, the member-owned organization brings together growth-oriented independent distributors and best-in-class supplier partners.

A RHEEM® COMPANY



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