



FRIEDRICH
Commercial Air



Reliable options **for any business.**

Commercial packaged | split systems |
terminal heat pumps | DOAS & more

INNOVATION THAT MAXIMIZES COMFORT AND ROI

Reliable, cost-efficient heating and cooling is not an option... **it is an absolute necessity for every business.** Friedrich is an industry leader for total heating and cooling solutions because we are never comfortable with the status quo. We constantly strive for innovations that help your business perform.

HEALTHCARE | Shine a Light on Health

From clinics and urgent care facilities to medical offices and senior living facilities, maintaining thermal and acoustic comfort is important for doctors and patients alike. Friedrich packaged units minimize sound pollution by keeping all mechanical parts inside the unit while investing in a better IAQ for all with the addition of UV-C lights or a MERV13 filter.



OFFICE | Invest in Productivity

Control temperature, humidity and indoor air quality for a more comfortable working environment that enhances productivity to increase efficiency and profits. Connect Friedrich units with your Building Management System of choice to control it all at your fingertips with Friedrich ClearControl™.



SCHOOL | Lead by Example

Keep educators, staff and students comfortable and maximize learning by keeping temperature and humidity levels optimal with Friedrich HumidiDry™ technology. Add a Friedrich DOAS system to the building to improve indoor air quality by bringing in up to 100% outdoor air.



HOTEL | The Key to Satisfaction

All guests demand a comfortable room. Our VRP® solutions combine VRF performance with single package simplicity. Let your guests enjoy best-in-class cooling performance, super-efficient heating, conditioned fresh air and true humidity control.



WAREHOUSE | Efficiently Powerful

Warehouses have spaces throughout the building with very different cooling and heating needs. Satisfy the needs of all areas with a Friedrich Resolute™ unit with multi-zone VAV capabilities to keep your front office comfortable and minimize warehouse conditioning costs.



RESTAURANT | Serve Up Comfort

Food service facilities place high demands on their comfort systems with heat-generating kitchens and long hours every day. That's why Friedrich units are designed to be durable, and are performance tested in extreme conditions so your customers are always comfortable.



RETAIL | Sell Sustainability

Our constant innovation results in greater efficiency to help you save on energy costs while reducing your carbon footprint and demonstrating the sustainability your customers demand. And with our wide distribution network and local support, you can minimize downtime with local equipment and parts availability.



TRUST PROVEN TECHNOLOGY

58% of total commercial floor space in the US is cooled by packaged equipment, making it a trusted, proven and reliable option for a majority of businesses like yours.

INCREASE COMFORT

When a building isn't comfortable, that affects employee productivity, customer satisfaction and ultimately, your bottom line. Increase comfort for all building occupants with Friedrich commercial products.

MAXIMIZE ROI

HVAC energy consumption accounts for more than 40% of a commercial building's total energy use. Choose Friedrich to maximize your ROI.

TAKING CARE OF BUSINESSES



WIDE PRODUCT SELECTION

We offer an ever-expanding range of solutions that include gas/electric, air conditioning, heat pumps and terminal heat pump products to meet the needs of office, retail, school, healthcare, hospitality, restaurant and other commercial buildings.

GUARANTEED PERFORMANCE

All our commercial units undergo a complete system of evaluation and testing to ensure quality. Our SEET (Systems Extreme Environmental Test) simulates the equivalent of five years of operation under harsh conditions to ensure maximum reliability in a variety of climates for the entire Renaissance line. Friedrich commercial equipment is backed by our industry-leading commercial limited warranty that includes:

- 1 Year Limited Parts
- 5 Years Compressor
- 10 Years Standard Heat Exchanger*
- 20 Years Stainless Steel Heat Exchanger*

*Heat Exchanger warranty is for G/E models only



Expertly designed and rigorously tested, many Friedrich Commercial models meet the requirements of both the Buy American Act (BAA) and Build America Buy America Act (BABA). Products' domestic content has been certified by a third-party. For a full list of models that meet BAA and BABA criteria, contact us for a copy of the Certification Letter.

Look for these icons to identify models that meet The Buy American Act (BAA) and Build America, Buy America (BABA) Act requirements.

LOCAL SUPPORT AND DISTRIBUTION

Friedrich commercial HVAC products are designed, engineered and manufactured in three locations across North America. We have extensive R&D and manufacturing resources to support commercial HVAC, so our factory engineers are local. Additionally, we have several Innovation Learning Centers strategically located around the country for hands-on training led by industry-leading professionals.



360° + 1 DESIGN AND INNOVATION

Designed with you in mind, we use extensive Voice-of-Customer (VOC) feedback to design products that deliver on performance and reliability to meet the needs of customers like you. Using our 360° + 1 philosophy, we evaluate every detail from top to bottom, inside and out, and everything in between. We consider the work that goes into installing, servicing and using our products... and then we take it further. That's 360° + 1.

PRODUCTS FOR EVERY APPLICATION

We offer a variety of commercial HVAC product types that feature innovative, patented technologies that improve overall and part-load efficiencies. Friedrich products are also California Title 24 and ASHRAE 90.1 compliant and are compatible with most thermostats or building management systems.

renaissance®

COMMERCIAL HVAC LINE

Flexible and easy, Renaissance makes replacement projects faster than ever.

- 3 to 25 Ton Packaged Air Conditioners
- 3 to 25 Ton Packaged Gas Electric Units
- 3 to 10 Ton Packaged Heat Pumps



EASIER INSTALLATION AND REPLACEMENT

Engineered to make replacement jobs a breeze, Renaissance units feature industry-common footprints that eliminate the need for a curb adapter and thoughtfully placed wiring and piping connections to minimize costs for additional materials and labor. With the ServiceSmart package of features inspired by field input, contractors spend up to 100 minutes less time performing industry-standard service and preventive maintenance, adding up to substantial savings!

PACKAGED SOLUTIONS FOR EVERY NEED

Renaissance products offer up to 16.2 SEER2 and 12 EER2 in 3 to 5 ton capacities and up to 17.6 IEER / 12 EER in 6 to 25 ton capacities. Innovative features like our exclusive PlusOne® HumidiDry® and patented VelociFin® heat exchanger enhance overall and part-load performance.

POWERFUL, HIGHER EFFICIENCY HEAT PUMPS

For applications looking for high-efficiency heat pump performance, the Renaissance Commercial F-Series Plus™ line, which includes 3 to 10 ton models in single- and three-phase options, comes standard with up to three stages of cooling, is BACnet MS/TP- and BACnet IP-ready while also being compatible with universal 24V control.



PlusOne® SmartShield™ Coil System

The industry's only 15 to 25 ton packaged unit to feature indoor and outdoor interlaced MicroChannel coils, maximizing reliability and decreasing the amount of required refrigerant by up to 60%.



PlusOne® VelociFin®

Patented heat exchanger tubing that increases heat transfer through an innovative velocity concept, improving overall efficiency.



PlusOne® HumidiDry®

HumidiDry® hot gas reheat improves occupant comfort, enhances performance and saves energy. Available on most Renaissance and Resolute models, including single-phase power 3 to 5 ton models.



PlusOne® ServiceSmart

Thoughtfully designed quik-slide assemblies and convenient hinged access panels mean faster service and maintenance.



PlusOne® ClearControl™

Rest assured with real-time system access, monitoring and flexible controls for easy communication via BACnet, LonWorks or Modbus. Enjoy the freedom to choose without compromising on functionality.



Variable Frequency Drive

Boost your energy savings by matching system capacity to the actual load while reducing wear and tear on your motor components.

360° NOTE: Only available on Renaissance.

360° NOTE: Available on both Renaissance and Resolute.

RESOLUTE™

COMMERCIAL HVAC LINE

Packed with premium features that come standard, Resolute maximizes comfort and value.



PREMIUM FEATURES, MAXIMUM VALUE

Designed with the future in mind, Resolute units include premium options to enhance comfort, serviceability and reliability. Advanced technologies like hot gas reheat improve part-load efficiencies and deliver up to 14.6 IEER and 11.6 EER for powerful performance year-round. Practical features like hinged panels, quik-clean drain pan and quik-slide blower and heat exchanger assemblies facilitate easier service and routine maintenance, continuing to add to the bottom line.

ADVANCED ZONING

Maximize comfort throughout your building with 5 stages of cooling and the zoning capabilities of the Resolute 30-ton G/E and AC which come standard with single- and multi-zone VAV, personalizing comfort by zone—in the smallest and lightest chassis available in the industry.

INDUSTRY'S ONLY 30 TON VAV WITH CONVERTIBLE AIRFLOW

- 15 to 30 Ton Packaged Air Conditioners
- 15 to 30 Ton Packaged Gas Electric Units
- 15 & 20 Ton Packaged Heat Pumps

DEDICATED OUTDOOR AIR SYSTEM (DOAS)

Friedrich DOAS units are a superior choice for introducing outdoor air to your building with up to 21.3 IEER. Modulating technologies deliver the highest efficiencies at part-load conditions, which account for the majority of days in the year. Add up to 100% outdoor air to your building while also enjoying industry-leading lead times, enhanced serviceability and ultimate reliability with complimentary monitoring via CASLink™ and engineering support.

3 to 60 Tons
500 to 15,000 CFM



LIGHT COMMERCIAL / RESIDENTIAL PACKAGED SYSTEMS

The Friedrich portfolio of packaged equipment for heating & cooling light commercial and residential applications is robust, offered in a range of capacities and features so selecting a system that fits the application and budget is easy. Three-phase power as well as Low NOx / Ultra Low NOx and Convertible / Dedicated Horizontal Airflow options are available in most capacities.

2 to 5 Ton Packaged Gas Electric
2 to 5 Ton Packaged Air Conditioners

2 to 5 Ton Packaged Heat Pumps
2 to 5 Ton Packaged Dual Fuel



NOTE: Packaged models with dedicated horizontal airflow are not manufactured in Fort Smith, Arkansas, and do not meet the Buy American Act or Buy America, Build America Act requirements.

SPLIT SYSTEMS

Friedrich commercial split systems are available in multiple sizes so finding the right-sized equipment for your building is easy. Our patent-pending separable air handler design makes installation easy in even the tightest spaces. We also offer a robust lineup of residential split systems ranging from 1.5 to 5 tons in A/C and Heat Pump configurations, as well as gas furnaces in 40k Btu/h to 150k Btu/h ranging from 80–98% AFUE—including ultra-low NOx options.

For applications that need the added flexibility of limited-to-no ductwork and very high efficiency heat pump operation, we offer universal heat pumps that are compatible with nearly any existing HVAC system and a variety of ductless mini-split systems in single-zone and multi-zone configurations.



COMMERCIAL

6.5 to 20 Ton Split Air Conditioners
7.5 to 20 Ton Split AC Air Handlers
7.5 to 10 Ton Split Heat Pumps
7.5 to 10 Ton Split Heat Pump Air Handlers

RESIDENTIAL

1.5 to 5 Ton Split Air Conditioners
1.5 to 5 Ton Split Heat Pumps
2 to 5 Ton Universal Heat Pumps
40k Btu/h to 150k Btu/h Split Gas Furnaces (80–98% AFUE)

DUCTLESS MINI-SPLITS

9k Btu/h to 36k Btu/h Single-Zone Systems
18k Btu/h to 42k Btu/h Multi-Zone Systems



**The RACY2078, RACY2090 and RACY2119 models are not manufactured in Fort Smith, Arkansas, and do not meet the Buy American Act or Buy America, Build America Act requirements.*



Available in 9k Btu/h to 24k Btu/h capacities
Cooling only operation
Certified for application into Class 1 Division 2, Groups A, B, C and D

HAZARDGARD®

For more than 30 years, multiple industries have relied on Hazardgard® to deliver safe and reliable cooling in the most extreme conditions. Hazardgard® is specifically designed to cool laboratories, control rooms, living quarters, storage areas and other enclosures situated in hazardous locations—such as where specific volatile flammable liquids or gases are handled or used within enclosed containers or systems.

Hazardgard models are available with these certifications:

15k to 24k Btu/h Capacities | UL Domestic 3 Models 60Hz, 1 Model 50 Hz

20k Btu/h Capacity | UL/SASO Gulf States 60Hz

20k to 24k Btu/h Capacities | ATEX/IECEX/UKCE Europe

HOSPITALITY SOLUTIONS

Our hospitality-specific solutions help create a comfortable stay for every guest.

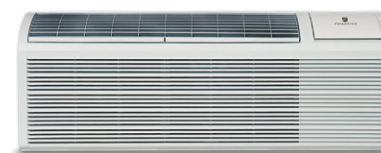
PTAC (PACKAGED TERMINAL AIR CONDITIONERS)

Efficiency, comfort and new FreshAir® Indoor Air Quality (IAQ) options are abundant in our award-winning 3-tier line of packaged terminal air conditioners.

FreshAir®

The most advanced PTAC ever, with a variable speed inverter compressor and integrated make-up air system.

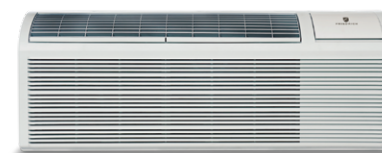
Available in 9–12k Btu/h capacities
Heat pump operation
Up to 12.0 EER and 3.65 COP



ZoneAir® Premier

The quietest standard PTAC in the industry.

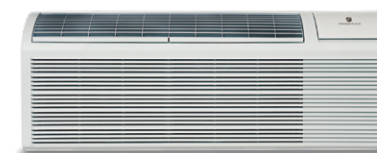
Available in 7–15k Btu/h capacities
Electric heat and heat pump styles
Up to 13.3 EER and 3.6 COP



ZoneAir® Select

Outstanding performance with exceptional value.

Available in 7–15k Btu/h capacities
Electric heat and heat pump styles
Up to 12.0 EER and 3.5 COP



VERT-I-PAK®

Ducted and closet mounted, Vert-I-Pak® eliminates the need for multiple through-the-wall units.

Available in 9–24k Btu/h capacities
Heat pump operation down to 10°F with standard base pan heater
Up to 12.3 SEER2 / 10.6 EER2 / 6.7 HSPF2



VRP®

VRF performance and single package simplicity all comes together in the award-winning Friedrich VRP®.

Available in 7–36k Btu/h capacities
Heat pump operation down to 0°F
Precision Inverter® compressor operates down to 40% of rated capacity, or up to 120%



FRIEDRICH
Commercial Air

ESSENTIAL SOLUTIONS

We're in the business of delivering precise, efficient and reliable comfort. Our broad commercial portfolio is packed with innovations flexible enough to meet a variety of applications and supported by local experts who can help make your commercial project a success—from spec to install and beyond. Feel confident with Friedrich.



Through our partnership with Fernwood Capital & Leasing, the *Commercial KwikComfort® Financing Program* makes it easy to get the business equipment you need, when you need it. This includes heating, cooling and water heating systems, IT systems, machinery, titled equipment, furniture—or nearly any equipment that helps your business grow.

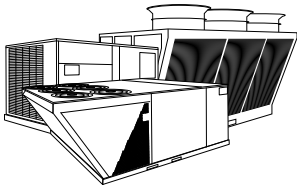


With our Protection Plus® extended service agreement program, protect your investment from unexpected, unbudgeted repairs after the limited warranty expires. Protection Plus limited warranty can also be extended.

As part of the Rheem® Global Brand Portfolio, sustainability isn't just a feature we add to our products—it's a foundation of who we are as a company. As an industry leader, we continue to innovate and reimagine air and water solutions that drive our customers' success and protect the environment we all share. Because doing good isn't enough—we're committed to **A Greater Degree of Good®**.

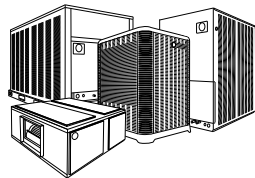


Friedrich Air Portfolio



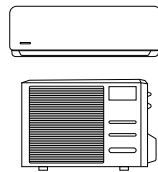
Packaged Units

- Gas Electric, A/C & Heat Pumps (2 to 30 Tons)
- DOAS (3 to 60 Tons | 500 to 15,000 CFM)



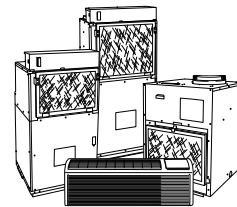
Split Systems

- 1.5 to 20 Tons
- Air Conditioners
- Heat Pumps



Ductless Split Systems

- Single-zone (9 to 36k Btu/h)
- Multi-zone (18 to 42k Btu/h)
- Low Ambient Heating
- Universal Heat Pump (24 to 60k Btu/h)



Hospitality and Industrial Systems

- VRP® Variable Refrigerant Packaged Air Conditioners (7 to 36k Btu/h)
- Vert-I-Pak® (9 to 24k Btu/h)
- FreshAir® Inverter PTACs (9 to 12k Btu/h)
- ZoneAire® PTACs (7 to 15k Btu/h)
- Hazardgard® Room Air Conditioners (15 to 24k Btu/h)
- Cooling and Heat Pumps

Delivering Boldly Crafted Comfort

Founded in 1883, Friedrich Air Conditioning Co. is an expert in providing residential and commercial comfort solutions—from premium room air conditioners to whole-home / whole-building equipment and more.

Designed to be among the most advanced and quietest available, all Friedrich products are engineered to deliver precise temperature control to make spaces comfortable—quickly and efficiently.

Friedrich.com/Commercial

For additional information, contact your local Friedrich sales representative.



¹Per a MIAI Commercial HVAC Competitive Time Study, conducted June 4-6, 2019.

Friedrich is a part of the Rheem® Global Brand Portfolio. In keeping with its policy of continuous progress & program improvement, Rheem reserves the right to make changes without notice.

The AHRI Certified® mark indicates our participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org.

DOAS units have been tested in accordance to the following standards: ANSI/AHRI Standard 340/360 – 2007 and ANSI/ASHRAE Standard 37 – 2009.

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