

# STANDARD FOOTPRINT. UNIQUE INNOVATIONS.

Renaissance™ is the clear  
choice for quick, easy  
drop-in replacement.

renaissance™  
COMMERCIAL HVAC LINE



# renaissance™

## COMMERCIAL HVAC LINE

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

### 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. In 15–25 ton capacities, Renaissance products have flexible footprints with two return options for seamless direct replacement of your existing packaged unit.

### PACKAGED SOLUTIONS FOR EVERY NEED

Renaissance products offer up to 14.8 IEER / 11.2 EER in 6 to 25 ton capacities and up to 17 SEER / 16.2 SEER2 and 12.5 EER / 12 EER2 in 3 to 5 ton capacities. Innovative features like our exclusive PlusOne® HumidiDry® and patent-pending VelociFin™ heat exchanger enhance overall part-load performance.

### LOCAL

Friedrich® Renaissance products are designed, engineered and manufactured in Fort Smith, Arkansas. We have extensive R&D and manufacturing resources across the US along with several Innovation Learning Centers that offer hands-on training led by industry-leading professionals.

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



**LIMITED WARRANTY** 1 year limited parts, 5 years compressor, 10 years standard heat exchanger, 20 years stainless steel heat exchanger

### Packaged Gas/Electric

	3-5 TONS		6 TONS	7.5-12.5 TONS	15-25 TONS
<b>Model Number</b>	RGECZR	RGECZT	RGECZT	RGEDZT	RGEG2T
<b>Tier</b>	F-Series™	F-Series Plus™	F-Series Plus™	F-Series™	F-Series™
<b>Efficiency</b>	13.4 SEER2 / 14 SEER 10.6 EER2 / 11.2 EER	16.2 SEER2 / 17 SEER 12 EER2 / 12.5 EER	14.6 IEER 11.0 EER	14.6 IEER 11.0 EER	14.0 IEER 10.8 EER
<b>Power Options</b>	208-230V / 1Ø 208-230V / 3Ø 460V / 3Ø	208-230V / 1Ø 208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3Ø
<b>Cooling Stages</b>	1	2	2	2	2
<b>Heating Stages</b>	2	2	2	2	2
<b>Standard Features</b>					
<b>External Gauge Ports</b>	✓ Lockable	✓ Lockable	✓ Lockable	✓ Lockable	✓ Easy Access
<b>Field-convertible Airflow</b>	✓	✓	✓	✓	✓
<b>Coil Type</b>	Full MicroChannel	Full MicroChannel	Full MicroChannel	Full MicroChannel	Full Interlaced MicroChannel
<b>Motor Technology</b>	ECM	ECM	ECM	VFD	VFD
<b>PlusOne® VelociFin™</b>	✓	✓	✓	✓	✓
<b>PlusOne® SmartShield™</b>	✓	✓	✓	✓	✓
<b>PlusOne® ServiceSmart</b>	✓	✓	✓	✓	✓
<b>PlusOne® Diagnostics CoreCommand™</b>	✓	✓	✓	✓	✓
<b>Optional Features</b>					
<b>PlusOne® ClearControl™</b>	✓	✓	✓	✓	✓
<b>PlusOne® HumidiDry®</b>	✓	✓	✓	✓	-

# exclusively Renaissance



PlusOne®  
VelociFin™  
Heat Exchanger

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



PlusOne®  
SmartShield™  
Coil System

MicroChannel coils maximize reliability and decrease the amount of required refrigerant by up to 60%. Renaissance 15-25 ton units are the industry's first packaged units to feature indoor and outdoor interlaced MicroChannel coils.



PlusOne®  
HumidiDry®

HumidiDry® hot gas reheat improves occupant comfort, enhances performance and saves energy. **This industry-leading feature is available on most Renaissance products including single-phase power 3-5 ton models.**



PlusOne®  
ServiceSmart

Contractors spend up to 100 minutes less time performing industry-standard service and preventive maintenance, adding up to substantial savings.<sup>1</sup>

## Packaged Air Conditioner

**LIMITED WARRANTY** 1 year parts and 5 years compressor

	3-5 TONS		6 TONS	7.5-12.5 TONS	15-25 TONS
Model Number	RACCZR	RACCZT	RACCZT	RACDZT	RACGZT
Tier	F-Series™	F-Series Plus™	F-Series Plus™	F-Series™	F-Series™
Efficiency	13.4 SEER2 / 14 SEER 10.6 EER2 / 11.2 EER	16.2 SEER2 / 17 SEER 12 EER2 / 12.5 EER	14.8 IEER 11.2 EER	14.8 IEER 11.2 EER	14.2 IEER 11.0 EER
Power Options	208-230V / 1Ø 208-230V / 3Ø 460V / 3Ø	208-230V / 1Ø 208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3
Cooling Stages	1	2	2	2	2
<b>Standard Features</b>					
External Gauge Ports	✓ Lockable	✓ Lockable	✓ Lockable	✓ Lockable	✓ Easy Access
Field-convertible Airflow	✓	✓	✓	✓	✓
Coil Type	Full MicroChannel	Full MicroChannel	Full MicroChannel	Full MicroChannel	Full Interlaced MicroChannel
Motor Technology	ECM	ECM	ECM	VFD	VFD
PlusOne® SmartShield™	✓	✓	✓	✓	✓
PlusOne® ServiceSmart	✓	✓	✓	✓	✓
PlusOne® Diagnostics CoreCommand™	✓	✓	✓	✓	✓
<b>Optional Features</b>					
PlusOne® ClearControl™	✓	✓	✓	✓	✓
PlusOne® HumidiDry®	✓	✓	✓	✓	-

## Packaged Heat Pump

**LIMITED WARRANTY** 1 year parts and 5 years compressor

	3-5 TONS	6 TONS	7.5-10 TONS
Model Number	RHPCZR	RHPCZT	RHPDZT
Tier	F-Series™	F-Series™	F-Series™
Efficiency	13.4 SEER2 / 14 SEER 10.6 EER2 / 11 EER 6.7 HSPF2 / 8 HSPF	14.1 IEER 11.0 EER 3.4 COP	14.1 IEER 11.0 EER 3.4 COP
Power Options	208-230V / 1Ø 208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3Ø	208-230V / 3Ø 460V / 3Ø
Cooling Stages	1	2	2
<b>Standard Features</b>			
External Gauge Ports	✓	✓	✓
Field-convertible Airflow	✓	✓	✓
Coil Type	Full MicroChannel	Full MicroChannel	Full MicroChannel
Motor Technology	ECM	ECM	VFD
Patent-pending MicroChannel Defrost System	✓	✓	✓
PlusOne® SmartShield™	✓	✓	✓
PlusOne® ServiceSmart	✓	✓	✓
PlusOne® Diagnostics CoreCommand™	✓	✓	✓
<b>Optional Features</b>			
PlusOne® ClearControl™	✓	✓	✓

# why Friedrich commercial?

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, Friedrich Commercial KwikComfort® Financing Program makes it easy to get the business equipment you need, when you need it. This includes heating and cooling 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.



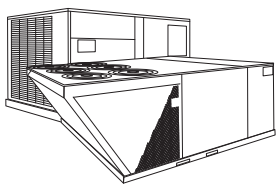
## sustainability – degrees of innovation

We are focused on innovating with intent, engineering solutions with lifetime sustainability in mind. Our products are designed to give businesses greater control over their energy consumption, lowering their environmental impact.

Look for the Sustainability Standout® seal to quickly identify products that are a cut above the others in energy efficiency, longevity, CO<sub>2</sub> reduction and more.

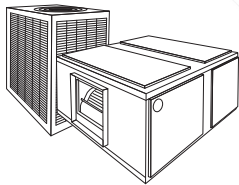


## Friedrich Commercial air portfolio



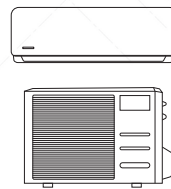
### Packaged Units

- 2 to 30 Tons
- Gas/Electric
- Air Conditioners
- Heat Pumps



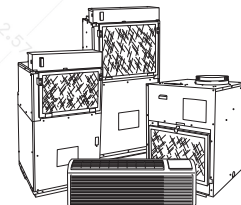
### Split Systems

- 1.5 to 20 Tons
- Air Conditioners
- Heat Pumps



### Mini-split Systems

- Single-zone (9k to 36k Btu/h)
- Multi-zone (18k to 42k Btu/h)



### Hospitality and Industrial Systems

- VRP® Variable Refrigerant Packaged Air Conditioners (7k to 36k Btu/h)

- Vert-I-Pak® (9k to 22.5k Btu/h)
- FreshAir® Inverter PTACs (9k to 12k Btu/h)
- ZoneAir® PTACs (7k to 15k Btu/h)
- Hazardgard® Room Air Conditioners (15.7K to 21K Btu/h)
- Cooling and Heat Pumps

## delivering boldy 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.

## CONTACT US

[Friedrich.com/Commercial](https://www.friedrich.com/commercial)

<sup>1</sup>Per a MIAT Commercial HVAC Competitive Time Study, conducted June 4-6, 2019.

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