

STANDARD FOOTPRINT.  
**UNIQUE INNOVATIONS.**

renaissance<sup>®</sup>  
COMMERCIAL HVAC LINE

*Renaissance<sup>®</sup> is the clear choice for quick,  
easy drop-in replacement.*



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.

## PACKAGED SOLUTIONS FOR EVERY NEED

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

## POWERFUL, HIGHER EFFICIENCY HEAT PUMPS

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

## Packaged Gas/Electric

	3-5 TONS		6 TONS	7.5-12.5 TONS	15-25 TONS
Model Number	RGECYC	RGECYB	RGECYB	RGEDYB	RGEGYB
Tier	F-Series Plus <sup>™</sup>	F-Series <sup>™</sup>	F-Series <sup>™</sup>	F-Series <sup>™</sup>	F-Series <sup>™</sup>
Efficiency Up To	16.2 SEER2 / 12 EER2	13.4 SEER2 / 10.6 EER2	14.6 IEER / 11.0 EER	14.6 IEER / 11.0 EER	14.6 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 / 3Ø
Cooling Stages	2	1	2	2	2
Heating Stages	2	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 Direct Drive	ECM Direct Drive	ECM Direct Drive	VFD Belt Drive	VFD Belt Drive
PlusOne <sup>®</sup> VelociFin <sup>®</sup>	✓	✓	✓	-	✓
PlusOne SmartShield <sup>™</sup>	✓	✓	✓	✓	✓
PlusOne ServiceSmart	✓	✓	✓	✓	✓
PlusOne Diagnostics CoreCommand <sup>™</sup>	✓	✓	✓	✓	✓
Refrigerant Detection System	Built-in	Built-in	Built-in	Built-in	Built-in
<b>Optional Features</b>					
PlusOne ClearControl <sup>™</sup>	✓	✓	✓	✓	✓
PlusOne HumidiDry <sup>®</sup>	✓	✓	✓	✓	-

- 1 Qwik-Slide Blower Assembly
- 2 Qwik-Change Flex-Fit Rack
- 3 Qwik-Clean Drain Pan
- 4 Single-point Wiring



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

## Exclusively Friedrich



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



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



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



Contractors spend up to 100 minutes less time performing industry-standard service and preventive maintenance, adding up to substantial savings!



Real-time system access, monitoring and flexible controls mean easy communication via BACnet, LonWorks or Modbus. Enjoy the freedom to choose without compromising on functionality.

## 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	RACCYC	RACCYB	RACCYB	RACDYB	RACGYB
Tier	F-Series Plus <sup>™</sup>	F-Series <sup>™</sup>	F-Series <sup>™</sup>	F-Series <sup>™</sup>	F-Series <sup>™</sup>
Efficiency Up To	16.2 SEER2 / 12 EER2	13.4 SEER2 / 10.6 EER2	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 / 3Ø
Cooling Stages	2	1	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 Direct Drive	ECM Direct Drive	ECM Direct Drive	VFD Belt Drive	VFD Belt Drive
PlusOne <sup>®</sup> SmartShield <sup>™</sup>	✓	✓	✓	✓	✓
PlusOne ServiceSmart	✓	✓	✓	✓	✓
PlusOne Diagnostics CoreCommand <sup>™</sup>	✓	✓	✓	✓	✓
Refrigerant Detection System	Built-in	Built-in	Built-in	Built-in	Built-in
<b>Optional Features</b>					
PlusOne ClearControl <sup>™</sup>	✓	✓	✓	✓	✓
PlusOne HumidiDry <sup>®</sup>	✓	✓	✓	✓	-

## Packaged Heat Pump

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

	3-5 TONS		6 TONS	6.5-10 TONS	7.5-10 TONS
Model Number	RHPCYC	RHPCYB	RHPCYB	RHPDYC	RHPDYB
Tier	F-Series Plus <sup>™</sup>	F-Series <sup>™</sup>	F-Series <sup>™</sup>	F-Series Plus <sup>™</sup>	F-Series <sup>™</sup>
Cooling Efficiency Up To	16.1 SEER2 / 11.0 EER2	13.4 SEER2 / 10.6 EER2	14.1 IEER / 11.0 EER	17.6 IEER / 12 EER	14.1 IEER / 11.0 EER
Heating Efficiency Up To	7.2 HSPF2	6.7 HSPF2	3.4 COP	3.6 COP	3.4 COP
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 / 3Ø
Stages of Cooling / Heating	2 / 2	1 / 1	2 / 2	3 / 3	2 / 2
<b>Standard Features</b>					
External Gauge Ports	✓ Lockable	✓ Lockable	✓ Lockable	✓ Lockable	✓ Lockable
Field-convertible Airflow	✓	✓	✓	✓	✓
Coil Type	Full MicroChannel	Full MicroChannel	Full MicroChannel	Full MicroChannel	Full MicroChannel
Motor Technology	ECM Direct Drive	ECM Direct Drive	ECM Direct Drive	ECM Direct Drive	VFD Belt Drive
PlusOne <sup>®</sup> SmartShield <sup>™</sup>	✓	✓	✓	✓	✓
Patented Defrost System	✓	✓	✓	✓	✓
PlusOne ServiceSmart <sup>™</sup>	✓	✓	✓	✓	✓
Advanced Unitary Controller	✓	-	-	✓	-
PlusOne Diagnostics CoreCommand <sup>™</sup>	-	✓	✓	-	✓
Refrigerant Detection System	Built-in	Built-in	Built-in	Built-in	Built-in
<b>Optional Features</b>					
PlusOne ClearControl <sup>™</sup>	-	✓	✓	-	✓

# 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.

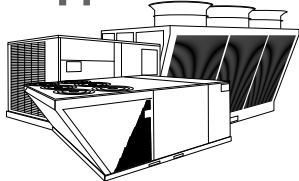


With our Protection Plus® extended service agreement program, protect your investment from unexpected, unbudgeted repairs after the limited warranty expires. Protection Plus limited warranty can also be extended.

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®**.

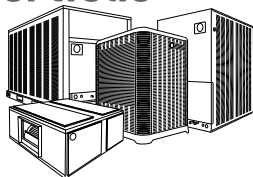


## Friedrich Air Portfolio



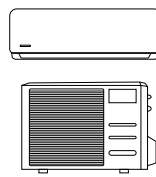
### Packaged Units

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



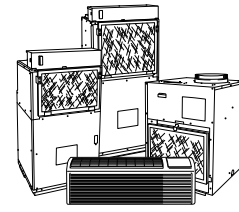
### Split Systems

- 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)
- ZoneAir® 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.



<sup>1</sup>Per a MIAT 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.ahrirectory.org](http://www.ahrirectory.org).

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