



ENDEAVOR®

Cool energy savings and heart-warming sustainability

Keep comfortable no matter what the weather throws your way with the Friedrich® Endeavor® Line of Heat Pumps and Air Conditioners. The Friedrich Endeavor Line offers an excellent range of choices designed for lasting energy-efficient comfort that saves you money while delivering peace of mind.



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

Relax with Consistently Hot... or Cold Temperatures



Peace-of-mind Performance

Relax, you're covered by one of the best warranties in the industry¹—up to 10 Year Limited Parts + 10 Year Conditional Unit Replacement².



Reduced Emissions

Households generate 72%³ of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.



Quiet Operation

Efficient home comfort shouldn't be noisy. That's why our air conditioners and heat pumps are designed with acoustics in mind. Integrated sound-dampening features such as refrigerant tubing design, fan blade approach, composite base pan and innovative compressor and drive technologies let you enjoy more efficiency—and less noise⁴.



High Comfort

Inverter-driven, variable speed compressor⁵ (between 40% and 100% of capacity), variable speed twin rotary compressor⁶ (between 45% and 70% of capacity, ramping up to 100% when required), two-stage⁷ (high, low) or single-stage⁸ technology work to continuously meet your ever-changing cooling needs. You'll enjoy steady temperature and advanced humidity control that combine to exceed your optimal comfort expectations.



Simplified Install & Service with Bluetooth Technology



Built-in Bluetooth[®] connectivity¹¹ on many of the Heat Pump and Air Conditioner models make it faster and easier for your contractor to install and service your system. This can help lower your costs and help make your home comfortable again—fast.

Earning ENERGY STAR[®] recognition means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and several of the Friedrich Endeavor Heat Pumps are ENERGY STAR[®] certified, offering annual energy cost savings¹⁰.



TESTED. TRUSTED. TOUGH.



From the smallest part to complete comfort systems, we craft quality into everything we make so we can be sure it's tough enough to deliver the ultimate performance you can count on day after day, year after year. That reliability is what makes Friedrich different—and better.

With the EcoNet[®] app⁷ and EcoNet Smart Thermostat, you can remotely control your powered by EcoNet technology products, monitor your energy usage, and get real-time alerts and notifications for added peace-of-mind.

Keep your home running smoothly

- **Get peace-of-mind** – Receive proactive alerts, real-time notifications and service reminders to protect your home
- **Control and monitor** – Remotely manage temperature and choose operation modes for increased performance and efficiency
- **Increase savings & value energy management** – Set personalized schedules to match your daily routine and usage needs
- **Smart home integration** – Connect with other smart home systems for a more advanced living environment



We thought of everything... & then some

We evaluate every detail of a product from top to bottom, inside and out and every angle in between. That's 360+1. And that's why you can count on these heat pumps and air conditioners to bring you and your family years of efficient and dependable comfort.

Friedrich[®] Endeavor[®] Line Heat Pump Series



Welcome year-round comfort into your home with the Friedrich Endeavor Line of Heat Pumps. Each model is designed to provide super-efficient and consistent heating and cooling technology to keep your utility bills dependably low, season after season.

	K-Series™		F-Series Plus™			F-Series™	E-Series™			Available Q2
	FRP19AY	RD18AY	RD16AY	FRP17AY	FRP15AY	FRP14AY	FWP15AY	FWP14AY	FWSP14AY	
Cooling & Heating Efficiencies ¹² Up To:	20 SEER2 / 12.5 EER2 / 8.5 HSPF2	19 SEER2 / 13 EER2 / 10 HSPF2	17 SEER2 / 11 EER2 / 8.5 HSPF2	17 SEER2 / 11.7 EER2 / 9.5 HSPF2	16 SEER2 / 11.7 EER2 / 8.1 HSPF2	15.2 SEER2 / 11.7 EER2 / 7.8 HSPF2	15.2 SEER2 / 11.7 EER2 / 7.8 HSPF2	15.2 SEER2 / 11.7 EER2 / 7.8 HSPF2	15.2 SEER2 / 11.7 EER2 / 7.8 HSPF2	15.2 SEER2 / 11.7 EER2 / 7.8 HSPF2
Nominal Sizes	2 to 5 tons	2 to 5 tons	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 2.5 tons	
Cabinet Type Designator	iM	Universal Side-Discharge	Universal Side-Discharge	Universal Top-Discharge	iM	iM	iC	iC	iC	
Cooling & Heating Capacities	22.8 to 55 kBTU	22.8 to 53 kBTU	22.8 to 55.5 kBTU	22.2 to 57 kBTU	17.1 to 57 kBTU	17.1 to 54 kBTU	17.1 to 57 kBTU	17.1 to 55 kBTU	17.1 to 28.4 kBTU	
Powered by EcoNet [®] Technology	Yes	Yes	Yes	Yes	No	No	No	No	No	
Sound Rating ⁴ (as low as)	58 dBA	50 dBA	50 dBA	55 dBA	73 dBA	72 dBA	73 dBA	72 dBA	73 dBA	
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Inverter Driven, Variable Speed Twin Rotary	Inverter Driven, Variable Speed Twin Rotary	Two-Stage	Two-Stage	Two-Stage	Two-Stage	Two-Stage	
Condenser Coil Type	3/8 in.	7mm	7mm	7mm	7mm	7mm	7mm	7mm	7mm	
ENERGY STAR [®] Certified ¹⁰	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ENERGY STAR [®] Cold Climate Certified	Yes	Yes	No	No	Yes	No	Yes	No	No	
Bluetooth Connectivity ¹¹	Yes	Yes	Yes	Yes	No	No	No	No	No	
PlusOne [®] Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Sound & Space Constraint Solution — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Sound & Space Constraint Solution — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics
Compatible Thermostat	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V	EcoNet Smart Thermostat — Two-Stage 24V	EcoNet Smart Thermostat — Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V
Limited Warranty ¹	Conditional Unit Replacement – 10 years (registration required) — Parts – 10 years	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)

Friedrich[®] Endeavor[®] Line Air Conditioner Series



Keep cool, even when the utility bill arrives, with the Friedrich Endeavor Line of Air Conditioners. Each model is designed to provide super-high efficiency, keeping your home dependably comfortable.

	K-Series™	F-Series Plus™	F-Series™			E-Series™			
	FRA19AY	FRA16AY	FRA15AY	FRA14AY	FRA13NY	FWA15AY	FWA14AY	FWSA14AY	FWA13NY
Cooling Efficiencies ¹² Up To:	20 SEER2 / 13 EER2	17 SEER2 / 12 EER2	16 SEER2 / 13 EER2	15.2 SEER2 / 12 EER2	13.4 SEER2 / 9 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2	13.4 SEER2 / 9 EER2
Nominal Sizes	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 2.5 Tons	1.5 to 5 tons
Cabinet Type Designator	iM	iM	iM	iM	iM	iC	iC	iC (Legacy Cabinet)	iC
Cooling Capacities	22.8 to 54 kBTU	22.8 to 56 kBTU	17.1 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU	17.1 to 57 kBTU	17.1 to 55.5 kBTU	17.1 to 28.6 kBTU	17.1 to 57 kBTU
Powered by EcoNet Technology	Yes	No	No	No	No	No	No	No	No
Sound Rating ⁴ (as low as)	54 dBA	72 dBA	69 dBA	70 dBA	68 dBA	69 dBA	70 dBA	74 dBA	68 dBA
Compressor Type	Inverter Driven, Variable Speed	Two-Stage	Single-Stage	Single-Stage	Single-Stage	Single-Stage	Single-Stage	Single-Stage	Single-Stage
Condenser Coil Type	3/8 in.	7mm	7mm	7mm	7mm ¹³	7mm	7mm	7mm	7mm ¹³
Bluetooth Connectivity ¹¹	Yes	No	No	No	No	No	No	No	No
PlusOne [®] Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Patented Refrigerant Detection System¹⁴ Friedrich Contractor and EcoNet Apps ⁹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics
Compatible Thermostat	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	Two-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V
Limited Warranty ¹	Conditional Unit Replacement – 10 years (registration required) — Parts – 10 years	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)



FRIEDRICH

Friedrich.com

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.



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Brampton, Ontario L6Y 0P5

Rheem Sales Company, Inc. manufactures the Friedrich brand of residential heating & cooling products. In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

¹Registration is required for the conditional parts and unit replacement warranty (if applicable). For complete details of the limited and conditional warranties, including applicable terms and conditions, contact your local Contractor or go to Friedrich.com for a copy of the product warranty certificate. ²Refer to the chart for specific warranty terms by product. ³Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. ⁴Based on Internal R&D Testing, 2024. Sound levels are also dependent on proper installation and location of outdoor product. ⁵Applies to FRP19AY, FRA19AY, RD18AY, FRP17AY and RD16AY models. ⁶Applies to the RD18AY and RD16AY models. ⁷Applies to the FRP15AY, FRP14AY, FWP15AY, FWP14AY, FWSP14AY and FRA16AY models. ⁸Applies to the FRA15AY, FRA14AY, FRA13NY, FWA15AY, FWA14AY, FWA13NY and FWSA14AY models. ⁹Wi-Fi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet Smart Thermostat. Receipt of notifications depend on home Wi-Fi setup. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. ¹⁰Proper sizing and installation of equipment is critical to achieve optimal performance. Heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit EnergyStar.gov. ¹¹Applies to the FRA19AY, FRP19AY, RD18AY, FRP17AY and RD16AY models. ¹²SEER (Seasonal Energy Efficiency Rating) / EER (Energy Efficiency Ratio) / HSPF (Heating Seasonal Performance Factor): The higher the SEER / EER / HSPF rating, the more efficient the unit. ¹³5-ton models feature a 3/8 in. condenser coil. ¹⁴Factory- or field-installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L).

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