



# 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 industry<sup>1</sup>—up to 10 Year Limited Parts + 10 Year Conditional Unit Replacement<sup>2</sup>.



## Reduced Emissions

Households generate 72%<sup>3</sup> 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 noise<sup>4</sup>.



## High Comfort

Inverter-driven, variable speed compressor<sup>5</sup> (between 40% and 100% of capacity), variable speed twin rotary compressor<sup>6</sup> (between 45% and 70% of capacity, ramping up to 100% when required), two-stage<sup>7</sup> (high, low) or single-stage<sup>8</sup> 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



Among heat pumps and air conditioners, **these are stars**

Built-in Bluetooth® connectivity<sup>11</sup> 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 and Air Conditioners are ENERGY STAR® certified, offering annual energy cost savings<sup>10</sup>.



**EcoNet®**



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.

Several of the Friedrich Endeavor Line Heat Pumps and Air Conditioners operate with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort with features like:

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App<sup>9</sup>
- Alerts sent directly to your phone or email



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™   |   |
|---|---|--|---|---|---|---|
|   | FRP19AY   | RD18AY   | FRP15AY   | FRP14AY   | FWP15AY   | FWP14AY   |
| Cooling & Heating Efficiencies <sup>12</sup> Up To:     | 20 SEER2 / 12.5 EER2 / 8.5 HSPF2  | 19 SEER2 / 13 EER2 / 10 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                        |
| 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   |
| Cabinet Type Designator                                 | iM  | Universal Side-Discharge   | iM  | iM  | iC  | iC  |
| Cooling & Heating Capacities                            | 22.8 to 55 kBTU   | 22.8 to 53 kBTU  | 17.1 to 57 kBTU   | 17.1 to 54 kBTU   | 17.1 to 57 kBTU   | 17.1 to 55 kBTU   |
| EcoNet® Enabled   | Yes   | Yes  | No  | No  | No  | No  |
| Sound Rating <sup>4</sup> (as low as)                   | 58 dBA  | 50 dBA   | 73 dBA  | 72 dBA  | 73 dBA  | 72 dBA  |
| Compressor Type   | Inverter Driven, Variable Speed   | Inverter Driven, Variable Speed Twin Rotary  | Two-Stage   | Two-Stage   | Two-Stage   | Two-Stage   |
| Condenser Coil Type                                     | 3/8 in.   | 7mm  | 7mm   | 7mm   | 7mm   | 7mm   |
| ENERGY STAR® Certified <sup>10</sup>                    | Yes   | Yes  | Yes   | Yes   | Yes   | Yes   |
| ENERGY STAR® Cold Climate Certified                     | Yes   | Yes  | Yes   | No  | Yes   | No  |
| Bluetooth Connectivity <sup>11</sup>                    | Yes   | Yes  | No  | No  | No  | No  |
| Eligible for Federal Tax Credit <sup>14</sup>           | Yes   | Yes  | Yes   | No  | No  | No  |
| Eligible for Electric Home Rebate Program <sup>14</sup> | Yes   | Yes  | Yes   | Yes   | Yes   | Yes   |
| PlusOne® Features & More (PlusOnes indicated in bold)   | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b><br>Friedrich Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allow for easy install and diagnostics | <b>Sound &amp; Space Constraint Solution</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b><br>Friedrich Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allow for easy install and diagnostics | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Patented Refrigerant Detection System<sup>15</sup></b> |
| Compatible Thermostat                                   | EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)  | EcoNet Smart Thermostat — Two-Stage 24V  | Two-Stage 24V   | Two-Stage 24V   | Two-Stage 24V   | Two-Stage 24V   |
| Sustainability Standout                                 | Yes   | Yes  | No  | No  | No  | No  |
| Limited Warranty <sup>1</sup>                           | Conditional Unit Replacement – 10 years (registration required)<br>—<br>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)      |

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 <sup>12</sup> 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   |
| EcoNet® Enabled                                       | Yes   | No  | No  | No  | No  | No  | No  | No  | No  |
| Sound Rating <sup>4</sup> (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 <sup>13</sup>   | 7mm   | 7mm   | 7mm   | 7mm <sup>13</sup>   |
| ENERGY STAR® Certified <sup>10</sup>                  | Yes   | Yes   | Yes   | Yes   | No  | Yes   | Yes   | Yes   | No  |
| Bluetooth Connectivity <sup>11</sup>                  | Yes   | No  | No  | No  | No  | No  | No  | No  | No  |
| Eligible for Federal Tax Credit <sup>14</sup>         | Yes   | Yes   | No  | No  | No  | No  | No  | No  | No  |
| PlusOne® Features & More (PlusOnes indicated in bold) | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b><br>Friedrich Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allow for easy install and diagnostics | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Expanded Valve Space and Triple Service Access</b> — <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Patented Refrigerant Detection System<sup>15</sup></b> | <b>Patented Refrigerant Detection System<sup>15</sup></b> |
| 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  |
| Sustainability Standout                               | Yes   | No  | No  | No  | No  | No  | No  | No  | No  |
| Limited Warranty <sup>1</sup>                         | Conditional Unit Replacement – 10 years (registration required)<br>—<br>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)      |





## Designing for sustainability with low GWP

For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%<sup>16</sup> lower GWP than previous-generation refrigerants—with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort.



# 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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*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.*

<sup>1</sup>Registration 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. <sup>2</sup>Refer to the chart for specific warranty terms by product. <sup>3</sup>Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. <sup>4</sup>Based on Internal R&D Testing, 2024. Sound levels are also dependent on proper installation and location of outdoor product. <sup>5</sup>Applies to FRP19AY and FRA19AY models. <sup>6</sup>Applies to the RD18AY model. <sup>7</sup>Applies to the FRP15AY, FRP14AY, FWP15AY, FWP14AY and FRA16AY models. <sup>8</sup>Applies to the FRA15AY, FRA14AY, FRA13NY, FWA15AY, FWA14AY, FWA13NY and FWSA14AY models. <sup>9</sup>Wi-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. <sup>10</sup>Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit EnergyStar.gov. <sup>11</sup>Applies to the FRP19AY, RD18AY and FRA19AY models. <sup>12</sup>SEER (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. <sup>13</sup>5-ton models feature a 3/8 in. condenser coil. <sup>14</sup>Dependent on system combination and overall efficiency. Visit Friedrich.com/Federal-Incentives for complete details. <sup>15</sup>Factory- 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). <sup>16</sup>When comparing the GWP of R-454B to R-410A refrigerant.

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