



# 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

# 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 (between 45% and 70% of capacity, ramping up to 100% when required<sup>6</sup> or between 45% and 100%<sup>7</sup>), two-stage<sup>7</sup> (high, low) or single-stage<sup>8</sup> technology work to continuously meet your ever-changing comfort 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<sup>9</sup> connectivity<sup>9</sup> on many of the Heat Pump and Air Conditioner models make it faster and easier for your contractor to install and service your new system. This can help lower your costs and help make your home comfortable again—fast.

Earning ENERGY STAR<sup>®</sup> 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<sup>®</sup> certified, offering annual energy cost savings<sup>10</sup>.



TESTED. TRUSTED. TOUGH.



EcoNet<sup>®</sup>



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>11</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+. 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<sup>®</sup> Endeavor<sup>®</sup> 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™			
	FRP18AZ	RD17AZ (Universal Model)	FRP16AZ	RD16AZ (Cold Climate Models <sup>19</sup> )	FRP15AZ	FRP14AZ	FWP15AZ	FWP14AZ	FWSP14AZ
Cooling & Heating Efficiency <sup>12</sup> Up To:	20 SEER2 / 12.5 EER2 / 8.5 HSPF2	19 SEER2 / 12 EER2 / 8.5 HSPF2	17 SEER2 / 10.4 EER2 / 8.1 HSPF2	18.8 SEER2 / 11.7 EER2 / 10.4 HSPF2	16 SEER2 / 11.7 EER2 / 8.1 HSPF2	15 SEER2 / 11.7 EER2 / 8.1 HSPF2	16 SEER2 / 11.7 EER2 / 8.1 HSPF2	15 SEER2 / 11.7 EER2 / 8.1 HSPF2	14.3 SEER2 / 10.4 EER2 / 7.5 HSPF2
Nominal Sizes	2 to 5 tons	2 to 5 tons	2 to 5 tons	2.5, 3 and 4 ton	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	Side-Discharge	iM	Side-Discharge	iM	iM	iC	iC	iC (Legacy Cabinet)
Cooling & Heating Capacities	22.8 to 54 kBTU	22.8 to 53 kBTU	22.8 to 56 kBTU	28.6 to 51 kBTU	17.1 to 28.5 kBTU	17.1 to 55.5 kBTU	17.1 to 28.5 kBTU	17.1 to 55.5 kBTU	17.1 to 28.5 kBTU
EcoNet <sup>®</sup> Enabled	Yes	Yes <sup>18</sup>	Yes	No	No	No	No	No	No
Sound Rating <sup>4</sup> (as low as)	58 dB	58 dB	60 dB	25 dB	72 dB	72 dB	72 dB	72 dB	73 dB
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary <sup>17</sup>	Inverter Driven, Variable Speed Twin Rotary	Inverter Driven, Variable Speed	Two-Stage	Two-Stage	Two-Stage	Two-Stage	Two-Stage
Condenser Coil Type	3/8 in.	7mm	7mm <sup>13</sup>	7mm	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm
ENERGY STAR <sup>®</sup> Certified <sup>10</sup>	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
Bluetooth Connectivity <sup>9</sup>	Yes	Yes <sup>19</sup>	Yes	No	No	No	No	No	No
IRA of 2023 – Eligible for Federal Tax Credit <sup>14</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
IRA of 2023 – Eligible for Electric Home Rebate Program <sup>14</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
PlusOne <sup>®</sup> Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access Friedrich Contractor and EcoNet Apps <sup>11</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics ENERGY STAR <sup>®</sup> Cold Climate Certified <sup>21</sup>		Expanded Valve Space <sup>16</sup> and Triple Service Access Sound & Space Constraint Solution Friedrich Contractor and EcoNet Apps <sup>11</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics ENERGY STAR <sup>®</sup> Cold Climate Certified <sup>21</sup>		Sound & Space Constraint Solution Rated only with the FRHMVZ (side-discharge air handler)	Expanded Valve Space and Triple Service Access	Expanded Valve Space and Triple Service Access	n/a	n/a
Compatible Thermostat	EcoNet Smart Thermostat Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat (Friedrich) Two-Stage 24V (Other Brands)	EcoNet Smart Thermostat Two-Stage 24V (Three-Speed Operation Only)	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V
Sustainability Standout	Yes	Yes <sup>18,22</sup>	Yes	No	No	No	No	No	No
Limited Warranty <sup>1</sup>	Parts – 10 years Unit Replacement – 10 years (registration required)	Conditional Parts – 10 years (registration required, applies to a heat pump only or any system installation—no AHRI requirement)	Parts – 10 years Unit Replacement – 10 years (registration required)	Parts – 10 years	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years	Parts – 5 years	Parts – 5 years

## Friedrich<sup>®</sup> Endeavor<sup>®</sup> 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™			
	FRA18AZ	FRA16AZ	FRA15AZ	FRA14AZ	FRA13NZ	FWA15AZ	FWA14AZ	FWA13NZ	FWSA14AZ
Cooling Efficiency <sup>12</sup> Up To:	20 SEER2 / 13 EER2	17 SEER2 / 10.5 EER2	15.2 SEER2 / 9.8 EER2	16 SEER2 / 13 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 9.8 EER2	16 SEER2 / 13 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2
Nominal Sizes	2 to 5 tons	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 2.5 Tons
Cabinet Type Designator	iM	iM	iM	iM	iM	iC	iC	iC	iC (Legacy Cabinet)
Cooling Capacities	22.8 to 54 kBTU	22.8 to 56 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU	17.1 to 27.5 kBTU
EcoNet <sup>®</sup> Enabled	Yes	Yes	Yes	No	No	No	No	No	No
Sound Rating <sup>4</sup> (as low as)	54 dB	61 dB	61 dB	69 dB	68 dB	61 dB	69 dB	68 dB	74 dB
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Inverter Driven, Variable Speed Twin Rotary	Single-Stage	Single-Stage	Inverter Driven, Variable Speed Twin Rotary	Single-Stage	Single-Stage	Single-Stage
Condenser Coil Type	3/8 in.	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm
ENERGY STAR <sup>®</sup> Certified <sup>10</sup>	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
Bluetooth Connectivity <sup>9</sup>	Yes	Yes	Yes	No	No	Yes	No	No	No
IRA of 2023 – Eligible for Federal Tax Credit <sup>14</sup>	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
PlusOne <sup>®</sup> Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access Friedrich Contractor and EcoNet Apps <sup>11</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics		Expanded Valve Space <sup>16</sup> and Triple Service Access Friedrich Contractor and EcoNet Apps <sup>11</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics		Expanded Valve Space and Triple Service Access	Expanded Valve Space and Triple Service Access	n/a	n/a	n/a
Compatible Thermostat	EcoNet Smart Thermostat Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat Two-Stage 24V (Three-Speed Operation Only)	EcoNet Smart Thermostat Two-Stage 24V (Three-Speed Operation Only)	Single-Stage 24V	Single-Stage 24V	Two-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V
Sustainability Standout	Yes	Yes	Yes	No	No	No	No	No	No
Limited Warranty <sup>1</sup>	Parts – 10 years Unit Replacement – 10 years (registration required)	Parts – 10 years Unit Replacement – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years	Parts – 5 years	Parts – 5 years	Parts – 5 years



Helping You Live  
Both **Comfortably**  
and **Sustainably**

Several of the Friedrich Endeavor Line Heat Pumps and Air Conditioners have earned our Sustainability Standout® seal, indicating they're among the best of the best. We created the seal to help you more easily find the products that save energy, save money and save the planet.



## Federal Incentives **Available** (conditions apply)

As part of the Inflation Reduction Act of 2022, homeowners can now take advantage of enhanced tax incentives and a new state-administered consumer rebate program. Certain Friedrich Heat Pumps and Air Conditioners are eligible for Energy Efficiency Home Improvement Tax Credits (25C)<sup>14</sup> and certain Friedrich Heat Pumps are eligible for the High Efficiency Electric Home Rebate Program.<sup>14</sup>

Visit [Friedrich.com/Federal-Incentives](https://www.friedrich.com/federal-incentives) to view qualifying equipment and for complete details and conditions.

### Delivering Boldly Crafted Comfort



**FRIEDRICH**

Friedrich.com

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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125 Edgeware Road, Unit 1  
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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, May 2023. Sound levels are also dependent on proper installation and location of outdoor product. <sup>5</sup>Applies to FRP18AZ, FRA18AZ and RD17AZ (only available with a Friedrich-matched system) models. <sup>6</sup>Applies to the FRP16AZ, FRA16AZ, FRA15AZ and FWA15AZ models. <sup>7</sup>Applies to the FRP15AZ, FRP14AZ, FWP15AZ and FWP14AZ models. <sup>8</sup>Applies to FRP14AZ, FRA14AZ, FRA13NZ, FWP14AZ, FWA14AZ and FWA13NZ models. <sup>9</sup>Applies to FRP18AZ, RD17AZ, FRP16AZ, FRA18AZ, FRA16AZ, FRA15AZ and FWA15AZ models. <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>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>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; High Efficiency Electric Home Rebates are dependent on state participation and available funding; Visit Friedrich.com/Federal-Incentives for complete details. <sup>15</sup>Pre-2023 RP17\*H standard models are available. <sup>16</sup>Expanded valve space does not apply to 2- and 3-ton models. <sup>17</sup>Applies to the RD17AZ. When installed with the EcoNet Smart Thermostat or with legacy and other thermostats when the utility 1 and 2 jumpers are installed; The 2-ton model features a single rotary compressor; Features cooling and heating operation between 45% to 100% of capacity. <sup>18</sup>When installed as part of a complete AHRI-matched, Friedrich EcoNet-enabled system. <sup>19</sup>When installed as part of a complete Friedrich system where both the outdoor and indoor components feature Bluetooth technology. <sup>20</sup>With minimal alterations, coil only – with TXV. <sup>21</sup>70% heating capacity at 5°F on all tonnages when part of a qualifying AHRI-matched Friedrich EcoNet enabled system. <sup>22</sup>Does not apply to coil-only matched systems.

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System option with heat pumps only