

# VANTIX®

H E A T P U M P A N D A I R C O N D I T I O N E R G U I D E



[SureComfort.com/Vantix](http://SureComfort.com/Vantix)

## Dedicated to Simple Comfort

Stay comfortable season after season with the Sure Comfort® Vantix® Line of Heat Pumps and Air Conditioners. The Sure Comfort Vantix Line offers a range of choices designed for dependable, high-performance comfort that saves you money and delivers peace of mind.



# High Efficiency Has Never Felt Better



## PEACE-OF-MIND PERFORMANCE

Relax, you're covered by one of the best warranties in the industry<sup>1</sup>—Up to 10 Year Conditional Unit Replacement and 10 Year Conditional Parts<sup>2</sup>.



## 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>3</sup>.



## REDUCED EMISSIONS

Households generate 72%<sup>4</sup> of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.



## 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 40% 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.



EcoNet<sup>®</sup>



Several of the Sure Comfort Vantix 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



EcoNet Mobile App



EcoNet Smart Thermostat



## Among Heat Pumps and Air Conditioners, These Are Stars

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 Sure Comfort Vantix Heat Pumps and Air Conditioners are ENERGY STAR<sup>®</sup> certified, offering annual energy cost savings<sup>10</sup>.



## Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth<sup>®</sup> 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 new system. This can help lower your costs and help make your home comfortable again—fast.

## Sure Comfort® Vantix® Line Heat Pump Series



Welcome year-round comfort into your home with Sure Comfort Vantix Line of Heat Pumps. Each model is designed to provide efficient heating and cooling technology to keep your utility bills dependably low.

	SP19AY	RD18AY	SP15AY	SP14AY
<b>Cooling &amp; Heating Efficiencies<sup>12</sup> Up To:</b>	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
<b>Nominal Sizes</b>	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons
<b>Cabinet Type Designator</b>	iM	Universal Side-Discharge	iM	iM
<b>Cooling &amp; Heating Capacities</b>	22.8 to 55 kBTU	22.8 to 53 kBTU	17.1 to 57 kBTU	17.1 to 54 kBTU
<b>EcoNet® Enabled</b>	Yes	Yes	No	No
<b>Sound Rating<sup>4</sup> (as low as)</b>	58 dBA	50 dBA	73 dBA	72 dBA
<b>Compressor Type</b>	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Two-Stage	Two-Stage
<b>Condenser Coil Type</b>	3/8 in.	7mm	7mm	7mm
<b>ENERGY STAR® Certified<sup>10</sup></b>	Yes	Yes	Yes	Yes
<b>ENERGY STAR® Cold Climate Certified</b>	Yes	Yes	Yes	No
<b>Bluetooth Connectivity<sup>11</sup></b>	Yes	Yes	No	No
<b>Eligible for Federal Tax Credit<sup>14</sup></b>	Yes	Yes	Yes	No
<b>Eligible for Electric Home Rebate Program<sup>14</sup></b>	Yes	Yes	Yes	Yes
<b>Feature Highlights</b>	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup> — Sure Comfort Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Sound & Space Constraint Solution — Patented Refrigerant Detection System <sup>15</sup> — Sure Comfort Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup>	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup>
<b>Compatible Thermostat</b>	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V	Two-Stage 24V	Two-Stage 24V
<b>Sustainability Standout</b>	Yes	Yes	No	No
<b>Limited Warranty<sup>1</sup></b>	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)

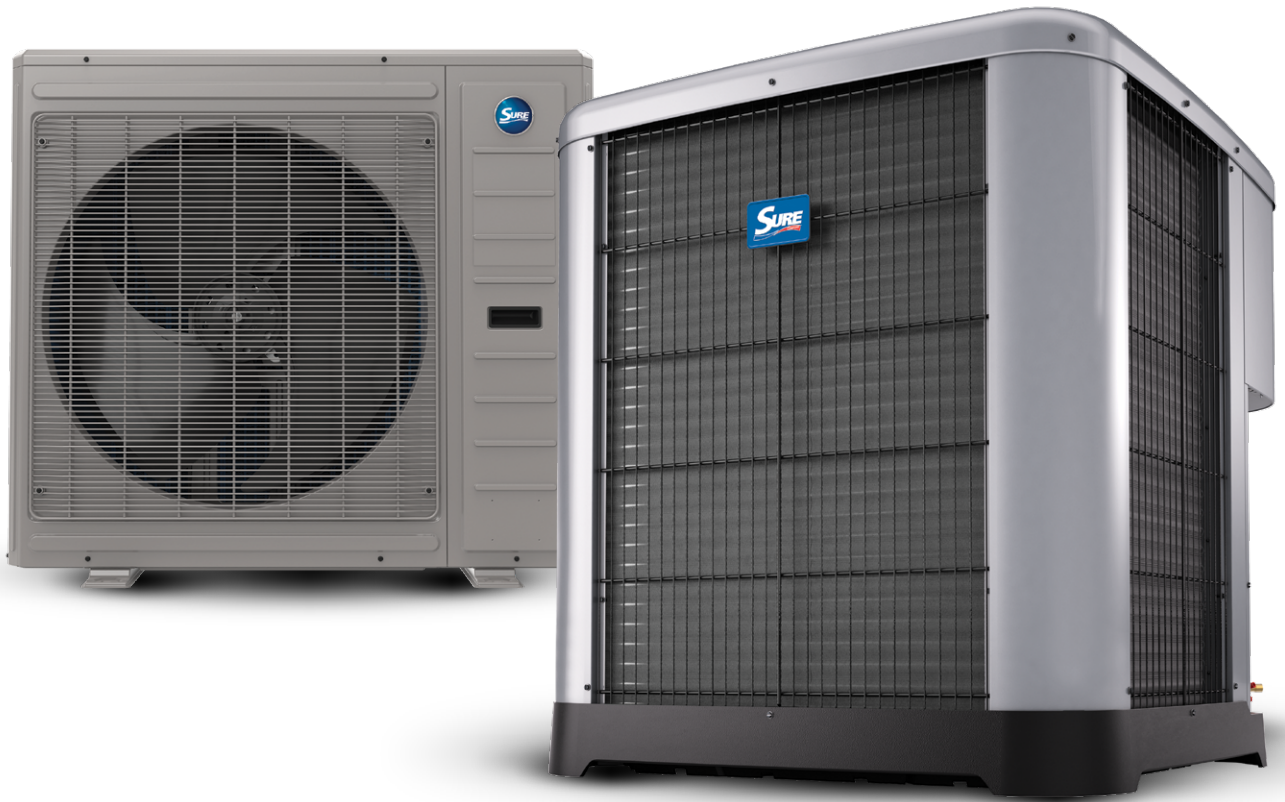
## Sure Comfort® Vantix® Line Air Conditioner Series



Keep cool with the Sure Comfort Vantix Line of Air Conditioners. Each model is designed to provide high efficiency while keeping your home dependably comfortable.

	SA19AY	SA16AY	SA15AY	SA14AY	SA13NY
<b>Cooling Efficiencies<sup>12</sup> Up To:</b>	20 SEER2 / 13 EER2	17 SEER2 / 12 EER2	16 SEER2 / 13 EER2	15.2 SEER2 / 12 EER2	13.4 SEER2 / 9 EER2
<b>Nominal Sizes</b>	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 5 tons
<b>Cabinet Type Designator</b>	iM	iM	iM	iM	iM
<b>Cooling Capacities</b>	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
<b>EcoNet® Enabled</b>	Yes	No	No	No	No
<b>Sound Rating<sup>4</sup> (as low as)</b>	54 dBA	72 dBA	69 dBA	70 dBA	68 dBA
<b>Compressor Type</b>	Inverter Driven, Variable Speed	Two-Stage	Single-Stage	Single-Stage	Single-Stage
<b>Condenser Coil Type</b>	3/8 in.	7mm	7mm	7mm	7mm <sup>13</sup>
<b>ENERGY STAR® Certified<sup>10</sup></b>	Yes	Yes	Yes	Yes	No
<b>Bluetooth Connectivity<sup>11</sup></b>	Yes	No	No	No	No
<b>Eligible for Federal Tax Credit<sup>14</sup></b>	Yes	Yes	No	No	No
<b>Feature Highlights</b>	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup> — Sure Comfort Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup>	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup>	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup>	Expanded Valve Space and Triple Service Access — Patented Refrigerant Detection System <sup>15</sup>
<b>Compatible Thermostat</b>	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	Two-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V
<b>Sustainability Standout</b>	Yes	No	No	No	No
<b>Limited Warranty<sup>1</sup></b>	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)





## 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.



SureComfort.com

## A History of Innovation

As a proud member of the Rheem® Family of Brands, we continue to give homeowners and business owners the innovative products that meet their needs and budget to keep people comfortable day after day—just as we've done for over a century.



**Sure Comfort USA**  
5600 Old Greenwood Road  
Fort Smith, Arkansas 72908

*Rheem Sales Company, Inc. manufactures the Sure Comfort brand of residential heating & cooling products. In keeping with its policy of continuous progress and product improvement, Sure Comfort 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 SureComfort.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 SP19AY and SA19AY models. <sup>6</sup>Applies to the RD18AY models. <sup>7</sup>Applies to the SP15AY, SP14AY and SA16AY models. <sup>8</sup>Applies to the SA15AY, SA14AY, and SA13NY 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 SP19AY, RD18AY and SA19AY 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 SureComfort.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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System option with heat pumps only

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