

RHEEM SEER2 OVERVIEW

Gustave A. Larson Company

2022

ENDEAVOR™



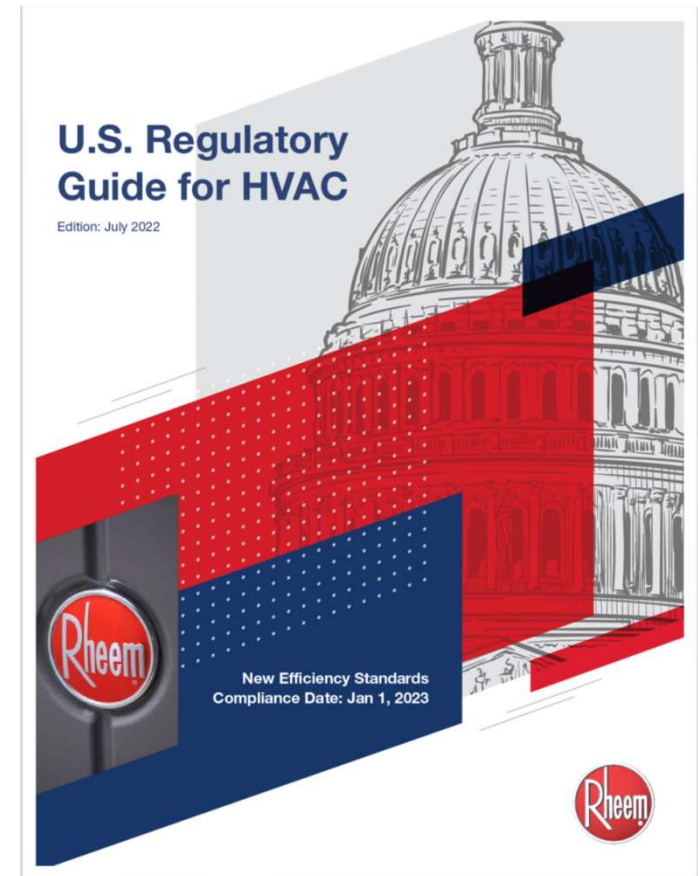
The new degree of comfort.®

M1 2023 Endeavor™ Background

A Challenging HVAC Standard is Set

To address the effects of global climate change, the U.S. government has implemented sweeping changes to the minimum efficiency requirements of products in the heating and cooling space. New regulations regarding how efficiency is measured and promoted have been instituted alongside additional regulations that dictate a move to low GWP (Global Warming Potential) refrigerants.

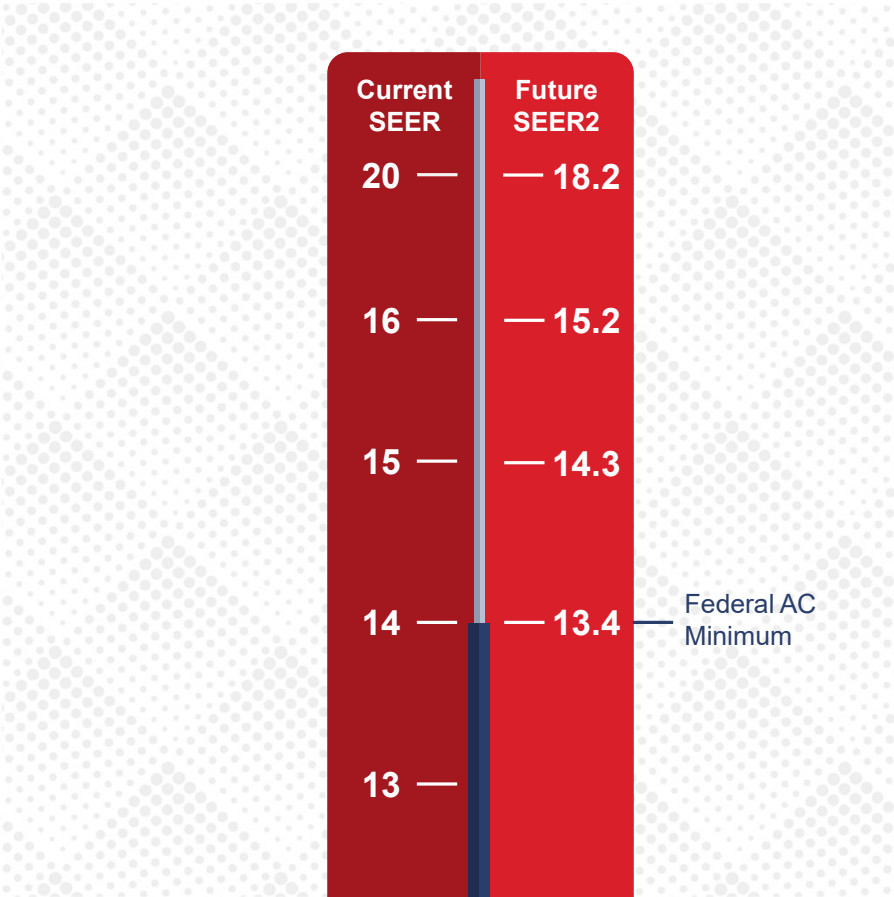
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M1 2023 Endeavor™ Background

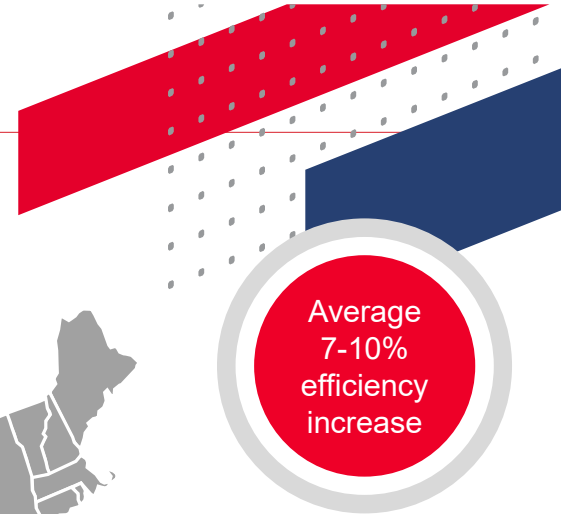
A New Goal to Surpass

Rheem is driven by innovation. We viewed these new, tougher requirements as a welcomed challenge and an opportunity to develop and introduce new technologies across our residential HVAC portfolio. Not only did we meet the new requirements, in many cases we exceeded them.



Why M1? DOE New Efficiency Standards

EFFECTIVE JAN 1, 2023, FOR NEW RESIDENTIAL AND SINGLE-PHASE LIGHT COMMERCIAL EQUIPMENT, <65K BTU/HR



Average
7-10%
efficiency
increase

Federal/North
Compliance based on **date of manufacture**
Applies nationally unless superseded by regional standards in
Southeast and Southwest

Southwest
Supersedes federal minimum for **split and package A/C** and
compliance based on **date of installation**

Southeast
Supersedes federal minimum for **Split A/C** and compliance
based on **date of installation**



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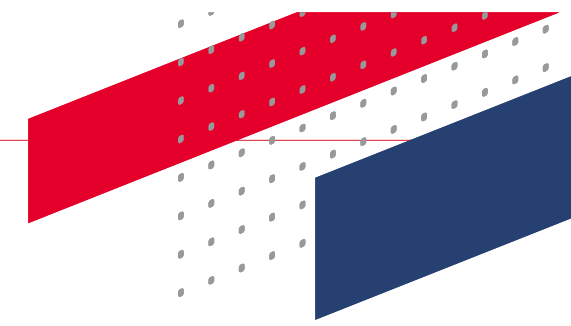
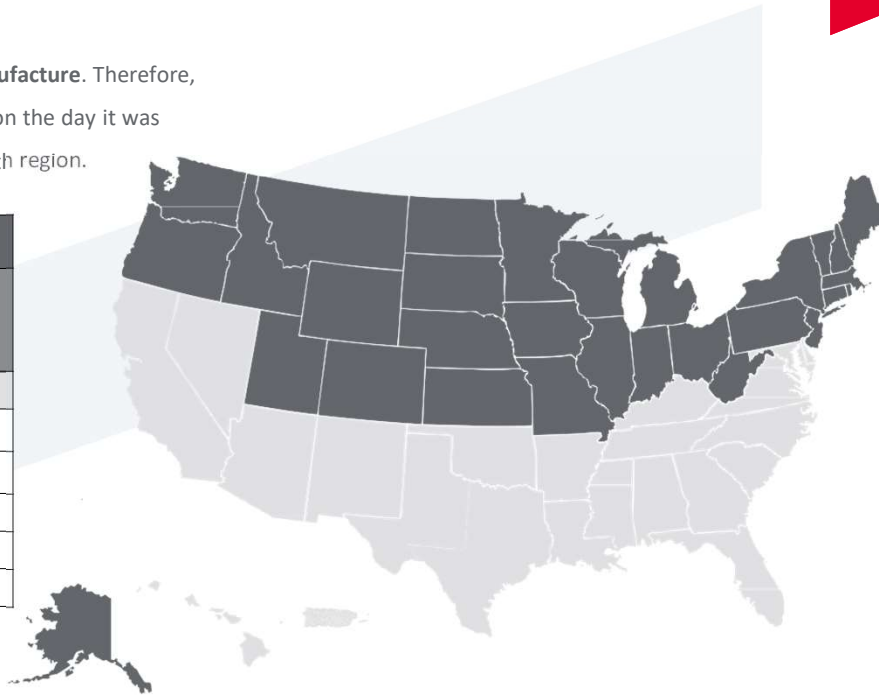
North Region

Understanding Compliance in Your Region

For the states in the North region, compliance is based on **date of manufacture**. Therefore, if a product, as part of an AHRI-rated matched system, was compliant on the day it was produced, it can continue to be sold and installed anywhere in the North region.

NORTH REGION		
PRODUCT CATEGORY	2023 Efficiency Requirements Using Appendix M1	
	SEER2	HSPF2
SPLIT AC < 45k BTU/HR	13.4	
SPLIT AC ≥ 45k BTU/HR	13.4	
SPLIT HP	14.3	7.5
SINGLE PACKAGED AC/GE	13.4	
SINGLE PACKAGED HP	13.4	6.7

NOTE: The above table applies to system matchups and not individual components. Consult the AHRI directory for the most current matchups.



NORTH REGION EXISTING INVENTORY:
Units manufactured prior to 1/1/2023 can continue to be installed, provided the equipment was compliant at the time it was produced.

NATIONAL / NORTH: Compliance based on date of manufacture

- Applies nationally unless superseded by regional standards in Southeast and Southwest
- Applies to all split and packaged heat pumps nationally

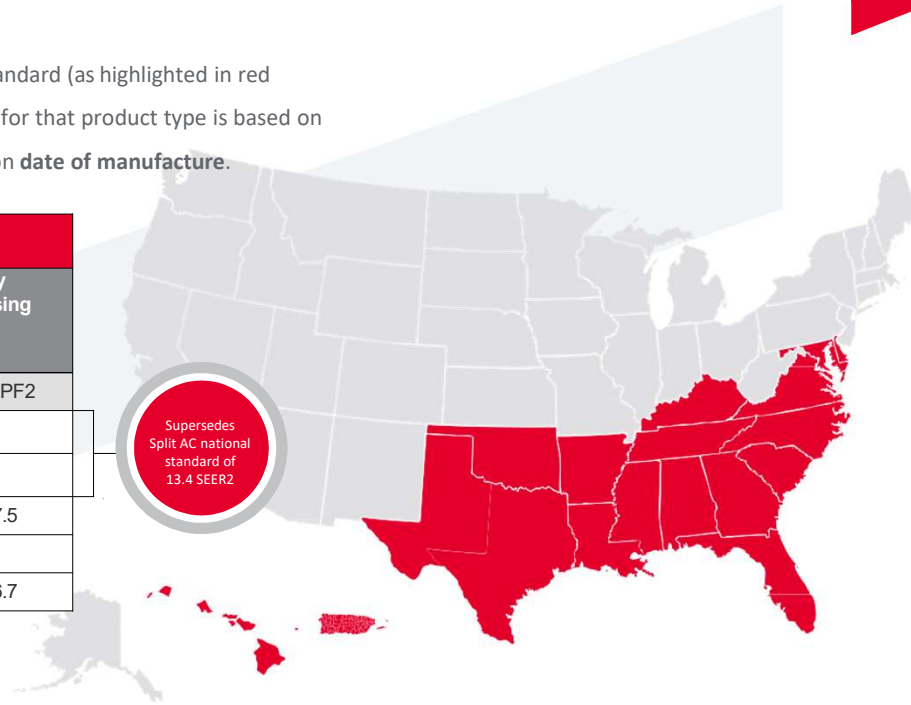
Southeast Region

Understanding Compliance in Your Region

For split air conditioner systems in the Southeast states, a regional standard (as highlighted in red below) supersedes the national requirements. Therefore, compliance for that product type is based on **date of installation**. Compliance for all other product types is based on **date of manufacture**.

SOUTHEAST REGION		
PRODUCT CATEGORY	2023 Efficiency Requirements Using Appendix M1	
	SEER2	HSPF2
SPLIT AC < 45k BTU/HR	14.3	
SPLIT AC ≥ 45k BTU/HR	13.8	
SPLIT HP	14.3	7.5
SINGLE PACKAGED AC/GE	13.4	
SINGLE PACKAGED HP	13.4	6.7

NOTE: The above table applies to system matchups and not individual components. Consult the AHRI directory for the most current matchups.



SOUTHEAST REGION EXISTING INVENTORY:

The least efficient coil-only rating listed on the EnergyGuide Label, of any AC split system installed on or after 1/1/2023, must meet 2023 Efficiency Requirements on a cross-reference basis for SEER.

Heat pumps and packaged AC systems manufactured prior to 1/1/2023 can continue to be installed, provided the equipment was compliant at the time it was produced.

SOUTHEAST: Supersedes federal minimum for split air conditioners, and compliance is based on date of installation

Including the following states: Alabama, Arkansas, Delaware, Florida, Georgia, Hawaii, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and the District of Columbia, U.S. Territories





AIR CONDITIONERS & HEAT PUMPS

Gustave A. Larson

2022

ENDEAVOR™



The new degree of comfort.®

Product Line: Rheem® Endeavor™ Line Heat Pump Series



	Prestige®	Classic Plus®	Classic®	Select™
	RP18AZ	RP16AZ	RP14AZ	WP14AZ
Cooling & Heating Efficiency*	19 SEER2 / 12.5 EER2 / 8.5 HSPF2	17 SEER2 / 10.4 EER2 / 8.1 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2
Nominal Sizes	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons
Cabinet Type Designator	iM	iM	iM	iC
Cooling & Heating Capacities	22.8 to 54 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU
EcoNet® Enabled**	Yes	Yes	No	No
Sound Ranking*** (as low as)	58 dB	60 dB	72 dB	72 dB
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Two-Stage	Single-Stage
Condenser Coil Type	3/8 in.	7mm	7mm	7mm
ENERGY STAR® Certified****	Yes	No	No	No
Bluetooth Connectivity*****	Yes	Yes	No	No
PlusOne® Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access — Rheem Contractor and EcoNet Apps, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Rheem Contractor and EcoNet Apps, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Expanded Valve Space and Triple Service Access	n/a
Compatible Thermostat	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V (3-speed operation only)	Two-Stage 24V	Two-Stage 24V
Sustainability Standout	Yes	Yes	No	No
Limited Warranty*****	Parts – 10 years — Unit Replacement – 10 years (registration required)	Parts – 10 years — Unit Replacement – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years

*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. **Applies to the RP18AZ and RP16AZ models. ***Based on Internal R&D Testing, May 2022. Sound levels are also dependent on proper installation and location of outdoor product. ****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. *****Applies to RP18AZ and RP16AZ. *****Registration is required for the conditional parts and unit replacement warranty (if applicable).

Product Line: Rheem® Endeavor™ Line Air Conditioner Series



	Prestige®	Classic Plus®	Classic®			
	RA18AZ	RA16AZ	RA14AZ	RA13NZ	WA14AZ	WA13NZ
Cooling Efficiency*	19 SEER2 / 12 EER2	17 SEER2 / 10.5 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 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
Cabinet Type Designator	iM	iM	iM	iM	iC	iC
Cooling & Heating Capacities	22.8 to 54 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU
EcoNet® Enabled**	Yes	Yes	No	No	No	No
Sound Ranking*** (as low as)	54 dB	60 dB	69 dB	69 dB	69 dB	69 dB
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Single-Stage	Single-Stage	Single-Stage	Single-Stage
Condenser Coil Type	3/8 in.	7mm	7mm	7mm	7mm	7mm
ENERGY STAR® Certified****	Yes	No	Yes	Yes	Yes	Yes
Bluetooth Connectivity*****	Yes	Yes	No	No	No	No
PlusOne® Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access — Rheem Contractor and EcoNet Apps, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Expanded Valve Space and Triple Service Access — Rheem Contractor and EcoNet Apps, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	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 — Two-Stage 24V (3-speed operation only)	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V	Single-Stage 24V
Sustainability Standout	Yes	Yes	No	No	No	No
Limited Warranty*****	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)	Parts – 5 years	Parts – 5 years

*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. **Applies to RA18AZ, RA16AZ and RA15AZ models. ***Based on Internal R&D Testing, May 2022. Sound levels are also dependent on proper installation and location of outdoor product. ****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. *****Applies to RA18AZ, RA16AZ, RA15AZ and WA15AZ. *****Registration is required for the conditional parts and unit replacement warranty (if applicable).

Product Line: Rheem® Endeavor™ Heat Pump Nomenclature

Top Tier	Brand	Category	SEER2	Region	Refrigerant	Capacity (Btu/Hr.)	Major Series	Voltage	Type	Controls	Minor Series
	R	P	18	A	Z	24	A	J	V	C	A
Meaning	R - Rheem	P - Heat Pump	18	A - All	Z - R410A	18-60	A - 1 st Design	J - 1ph, 208/230	V - Inverter	C - Communicating	A - 1 st Design

Mid Tier	Brand	Category	SEER2	Region	Refrigerant	Capacity (Btu/Hr.)	Major Series	Voltage	Type	Controls	Minor Series
	R	P	16	A	Z	24	A	J	3	C	A
	R	D	16	A	Z	24	A	J	V	N	A
	R	D	17	A	Z	24	A	J	V	C	A
Meaning	R - Rheem	P - Heat Pump D - Side Discharge	16	A - All	Z - R410A	18-60	A - 1 st Design	J - 1ph, 208/230	V - Inverter 3 - 3+ Stage	N - Non-Communicating C - Communicating	A - 1 st Design

Base Tier	Brand	Category	SEER2	Region	Refrigerant	Capacity (Btu/Hr.)	Major Series	Voltage	Type	Controls	Minor Series
	R	P	14	A	Z	24	A	J	2	N	A
Meaning	R - Rheem	P - Heat Pump	14.3	A - All	Z - R410A	18-60	A - 1 st Design	J - 1ph, 208/230	2 - 2 Stage	N - Non-Communicating	A - 1 st Design



Product Line: Rheem® Endeavor™ Air Conditioner Nomenclature

Top Tier	Brand	Category	SEER2	Region	Refrigerant	Capacity (Btu/Hr.)	Major Series	Voltage	Type	Controls	Minor Series
	R	A	18	A	Z	24	A	J	V	C	A
Meaning	R - Rheem	A – Air Conditioner	18	A – All	Z – R410A	18-60	A – 1 st Design	J – 1ph, 208/230	Inverter	C - Communicating	A – 1 st Design

Mid Tier	Brand	Category	SEER2	Region	Refrigerant	Capacity (Btu/Hr.)	Major Series	Voltage	Type	Controls	Minor Series
	R	A	16	A	Z	24	A	J	3	C	A
Meaning	R - Rheem	A – Air Conditioner	16	A – All	Z – R410A	18-60	A – 1 st Design	J – 1ph, 208/230	3 – 3+ Stage	C - Communicating	A – 1 st Design

Base Tier	Brand	Category	SEER2	Region	Refrigerant	Capacity (Btu/Hr.)	Major Series	Voltage	Type	Controls	Minor Series	Option Code
	R	A	14	A	Z	24	A	J	1	N	A	LHP
	R	A	13	N	Z	24	A	J	1	N	A	LHP
Meaning	R - Rheem	A – Air Conditioner	14/13	N – North A – All	Z – R410A	18-60	A – 1 st Design	J – 1ph, 208/230	1 – Single Stage	N- Non-Communicating	A – 1 st Design	LHP – W/HLPC



Features & Benefits: Innovation You Can Count On



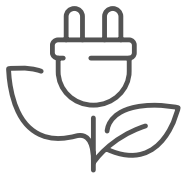
Peace-Of-Mind Performance

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



Quiet Operations

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**.



Reduced Emissions

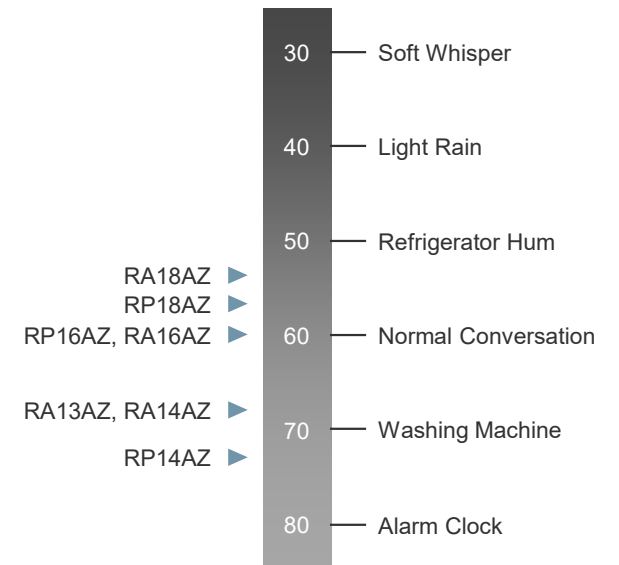
Households generate 72%*** of greenhouse gas emissions so switching to a heat pump can make a big difference for the environment—today.



High Comfort

Inverter-driven, variable speed compressor**** (between 40% and 100% of capacity), variable speed twin rotary compressor***** (between 40% and 70% of capacity, ramping up to 100% when required), two-stage***** (high, low) or single-stage***** 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.

Sound Rating



*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 Rheem.com for a copy of the product warranty certificate. **Based on Internal R&D Testing, May 2022. Sound levels are also dependent on proper installation and location of outdoor product. ***Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. ****Applies to RP18AZ and RA18AZ models. *****Applies to the RP16A and RA16AZ models. *****Applies to the RP14AZ model. *****Applies to RA14AZ and RA13AZ models.



FURNACE OVERVIEW

Gustave A. Larson Company

2022

ENDEAVOR™



The new degree of comfort.®

Product Line: Rheem® Endeavor® Line 90%+ AFUE Furnace Series



	Prestige®		Classic Plus®	Classic®
	R98MV	R97MV	R962V	R951T
Input Rate	60-115 kBTU	60-115 kBTU	40-115 kBTU	40-115 kBTU
Configuration	Upflow	Downflow / Horizontal	4-Way Multi-Position	4-Way Multi-Position
Heating Stages	Modulating	Modulating	Two-Stage	Single-Stage
Motor Type	Constant CFM	Constant CFM	Constant CFM	Constant Torque
Sound Ranking*	Quietest	Quietest	Quieter	Quiet
Energy Efficiency	98% AFUE	97% AFUE	96% AFUE	95% AFUE
Bluetooth® Connectivity	No	No	Yes	No
EcoNet® Enabled	Yes	Yes	Yes	No
PlusOne® Features	<ul style="list-style-type: none"> • Industry-first 7-segment LED and EcoNet enabled diagnostics** for quick and easy service • Direct Spark Ignition for reliability and longevity • Water Management System that shuts unit off if a blocked drain is detected 	<ul style="list-style-type: none"> • Industry-first 7-segment LED and EcoNet enabled diagnostics** for quick and easy service • Direct Spark Ignition for reliability and longevity • Water Management System that shuts unit off if a blocked drain is detected 	<ul style="list-style-type: none"> • Direct Spark Ignition for reliability and longevity • Water Management System that shuts unit off if a blocked drain is detected • Contractor and EcoNet Apps**, built-in EcoNet and Bluetooth technology allows for easy diagnostics 	<ul style="list-style-type: none"> • Industry-first 7-segment LED for quick and easy service • Direct Spark Ignition for reliability and longevity • Water Management System that shuts unit off if a blocked drain is detected
Sustainability Standout	Yes	Yes	Yes	No
Limited Warranty***	<p>Parts – 10 Years</p> <p>Heat Exchanger – Limited Lifetime Conditional Unit Replacement</p> <p>Conditional Unit Replacement – Limited Lifetime (registration required)</p>	<p>Parts – 10 Years</p> <p>Heat Exchanger – Limited Lifetime Conditional Unit Replacement</p> <p>Conditional Unit Replacement – Limited Lifetime (registration required)</p>	<p>Parts – 10 Years</p> <p>Heat Exchanger – Limited Lifetime</p> <p>Conditional Unit Replacement – Limited Lifetime (registration required)</p>	<p>Conditional Parts – 10 Years (registration required)</p> <p>Heat Exchanger – Limited Lifetime</p>

*Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation. **WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. ***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 Rheem.com for a copy of the product warranty certificate.

Product Line: Rheem® Endeavor® Line 80% AFUE Furnace Series



	Classic Plus®		
	R802V	R801T****U	R801T
Input Rate	50-150 kBTU	50-100 kBTU	50-125 kBTU
Configuration	Upflow/Horizontal	Upflow/Horizontal	Upflow/Horizontal Downflow
Heating Stages	Two-Stage	Single-Stage	Single-Stage
Motor Type	Constant CFM	Constant Torque	Constant Torque
Sound Ranking*	Quieter	Quiet	Quiet
Bluetooth® Connectivity	Yes	No	No
EcoNet® Enabled	Yes	No	No
PlusOne® Features	Direct Spark Ignition for reliability and longevity — Contractor and EcoNet® Apps**, built-in EcoNet® and Bluetooth technology allows for easy diagnostics	Industry-first 7-segment LED for quick and easy service — Direct Spark Ignition for reliability and longevity	Industry-first 7-segment LED for quick and easy service — Direct Spark Ignition for reliability and longevity
Sustainability Standout	Yes	No	No
Ultra Low NOx Option	No	Yes	No
Limited Warranty***	Parts – 10 years	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)
	Heat Exchanger – Limited Lifetime	Heat Exchanger – 20 Years	Heat Exchanger – 20 Years

*Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation. **WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

***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 Rheem.com for a copy of the product warranty certificate.

Product Line: Rheem® Endeavor® Furnace Nomenclature

<u>R</u> Brand	<u>96</u> Furnace Efficiency	<u>2</u> Stages of Heating	<u>V</u> Motor Type	<u>040</u> Heating Input	<u>3</u> AC Max. Capacity	<u>A</u> Major Series	<u>17</u> Width	<u>M4</u> Position	<u>S</u> NOx	<u>C</u> Controls	<u>A</u> Minor Series	<u>P</u> Option Code
R - Rheem	80 – 80% AFUE 95 – 95% AFUE 96 – 96% AFUE 97 – 97% AFUE 97 – 98% AFUE	1 – Single-Stage 2 – Two-Stage M – Modulating	T – Constant Torque V – Constant CFM	040 - 40,000 [11.7 kW] 060 - 60,000 [17.6 kW] 070 - 70,000 [20.5 kW] 075 - 75,000 [22.0 kW] 085 - 85,000 [24.9 kW] 100 - 100,000 [29.3 kW] 115 - 115,000 [33.7 kW]	3 – 3-Ton Drive 4 – 4-Ton Drive 5 – 5-Ton Drive	A – 1 st Design Series B – 2 nd Design Series	14 – 14” Width 17 – 17.5” Width 21 – 21” Width 24 – 24.5” Width	M4 – Multi-4 Way UP – Upflow DZ – Downflow Zero Clearance UH – Upflow Horizontal DH – Downflow Horizontal	S – Standard	C – Communicating, EcoNet®, Bluetooth® G – Communicating, EcoNet, No Bluetooth N – Non-communicating	A – 1 st Series B – 2 nd Series	P – Premium Grade S – Standard Grade



Features & Benefits: Innovation You Can Count On



Peace-of-Mind Performance*

Homeowners are covered by some of the best warranties in the industry—up to 10 Year Limited Parts + 20 years to Limited Lifetime Heat Exchanger + Conditional Limited Lifetime Unit Replacement.



Exceptional Energy Efficiency Savings**

Higher AFUE ratings mean more energy savings and our ENERGY STAR® and U.S. South ENERGY STAR certified furnace offerings, featuring AFUEs ranging from 92% to 98%, are close to perfect when it comes to efficiently converting gas to heat—offering an average of \$30 up to \$85 in annual energy costs savings and potentially even more with available rebates. Visit Rheem.com/Rebate to check your state's rebate policies.



Maximum, High or Efficient Comfort

- **Maximum Comfort:** Modulating gas valve design allows for operation between 40% and 100% to continuously meet specific heating needs, while the variable speed motor technology ensures a steady stream of perfect warmth and superior humidity control—together providing optimal comfort levels.
- **High Comfort:** Two-Stage or Single-Stage gas valve design and variable speed motor technology ensure a steady stream of just-right heated airflow to maintain the comfort level preference while providing superior humidity control.
- **Efficient Comfort:** Single-Stage gas valve design and constant torque ECM motor technology delivers the heated airflow to meet the requested warmth requirement.



ENDEAVOR™

*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 Rheem.com for a copy of the product warranty certificate. . **Per EnergyStar.gov, when compared to a standard 80% AFUE gas furnace. Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your contractor for details or visit EnergyStar.gov.

Features & Benefits: PlusOne®



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 Rheem Endeavor Gas Furnaces to bring you and your family years of efficient and dependable indoor comfort.



PlusOne® Energy Efficiency for 90%+ AFUE –
Up to 98% AFUE



PlusOne® Ignition System –
Direct Spark Ignition (DSI) for reliability & longevity



PlusOne® Diagnostics –
Industry-first, 7-segment LED for quick & easy service



PlusOne® Diagnostics –
Contractor & EcoNet® Apps*, built-in EcoNet® & Bluetooth technology allows for easy diagnostics



PlusOne® Water Management System –
Rheem-patented sensor that shuts off the furnace if a blocked drain is detected



ENDEAVOR™

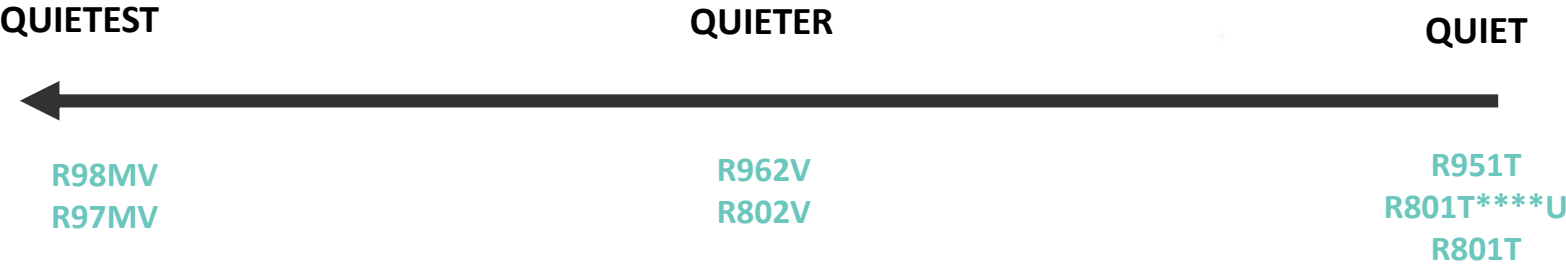
*WiFi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Features & Benefits: Innovation You Can Count On



Quiet-Quieter-Quietest Operation in a Powerful Package*

Cozy and quiet vibes are guaranteed with our insulated cabinet and truly variable speed airflow technology—offering some of the quietest furnaces available.

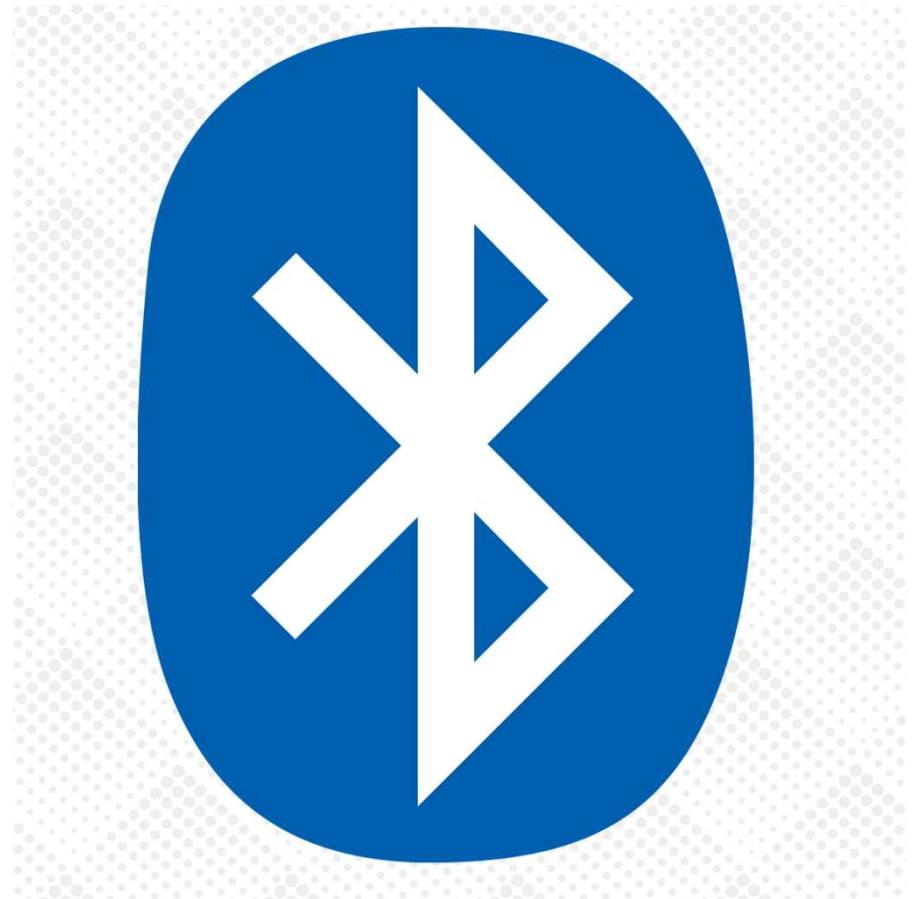


*Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

Features & Benefits: Bluetooth Technology

Simplified Install & Service with Bluetooth® Technology

Built-in Bluetooth connectivity makes it faster and easier for the contractor to install and service the system. This can help lower the homeowner's costs and help make their home comfortable again—fast.



Features & Benefits: EcoNet®



The Rheem Endeavor Line R98MV, R97MV, R962V, and R802V 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:

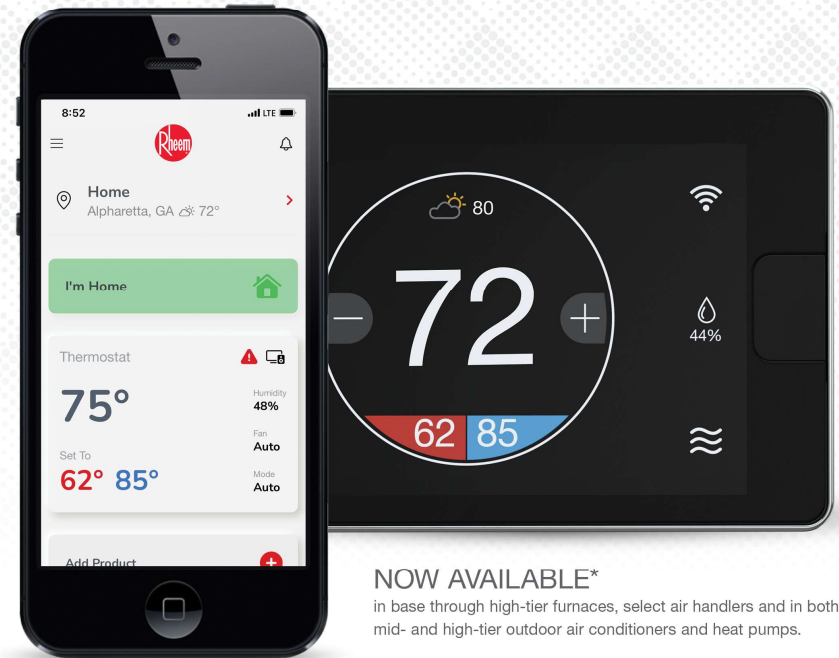
- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App*
- Alerts sent directly to your phone or email

*WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.



ENDEAVOR™

ENDEAVOR™
NEXT-LEVEL COMFORT



NOW AVAILABLE*

in base through high-tier furnaces, select air handlers and in both mid- and high-tier outdoor air conditioners and heat pumps.



AIR HANDLER OVERVIEW

Gustave A. Larson Company

2022

ENDEAVOR™



The new degree of comfort.®

Product Line: Rheem® Endeavor® Line Air Handler Series



	RHMVZ****	RH3VZ	RH2VZ	RH2TZ
Motor	Constant CFM	Constant CFM	Constant CFM	Constant Torque
Airflow Stages	Modulating	Three-Stage	Two-Stage	Two-Stage
Expansion Device	Electronic Expansion Valve (EEV)	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)
Efficiencies	18+ SEER2	15 – 17 SEER2	13.4 – 14.3 SEER2	13.4 – 14.3 SEER2
Sound Ranking ⁴	Quietest	Quietest	Quieter	Quiet
EcoNet Enabled ⁸	Yes	Yes	Yes	No
Bluetooth® Connectivity ⁹	Yes	Yes	Yes	No
Feature Highlights	Rheem Contractor and EcoNet Apps, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Rheem Contractor and EcoNet Apps, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Rheem Contractor and EcoNet Apps, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	
Configuration	4-Way Convertible	4-Way Convertible	4-Way Convertible	4-Way Convertible
Height	42.5 – 57 in. (varying sizes)	42.5 – 57 in. (varying sizes)	42.5 – 57 in. (varying sizes)	42.5 – 57 in. (varying sizes)
Compatible Thermostat	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V (3-Stage Operation Only)	EcoNet Smart Thermostat — Two-Stage 24V	Two-Stage 24V — Single-Stage 24V
Limited Warranty ¹	Parts – 10 Years	Parts – 10 Years	Conditional Parts – 10 Years (registration required)	Conditional Parts – 10 Years (registration required)

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 Rheem.com for a copy of the product warranty certificate. ⁴Based on manufacturer's product offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on unit location and installation. ⁷Applies to RH2VZ, RH2TZ, and RF2TZ models. ⁸WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Features & Benefits: High Performance Meets Long-lasting Quality



Peace-Of-Mind Performance

Relax, you're covered by some of the best warranties in the industry¹—up to 10 Year Limited Parts².



Optimal Comfort

Modulating⁵ (between 40% and 100% of capacity), three-stage⁶ (high, medium, low) or two-stage (high, low) heating operation⁷, along with variable speed motor technology³, ensures a steady stream of just-right heated airflow to maintain your comfort level preference while providing superior humidity control.



Quiet-Quicker-Quietest Operation in a Powerful Package

Cozy and quiet vibes are guaranteed with our insulated cabinet and truly variable speed airflow technology – offering some of the quietest furnaces available.



ENDEAVOR™

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 Rheem.com for a copy of the product warranty certificate. ²Refer to the chart for specific warranty terms by product. ³Applies to RHMV*****, RH3VZ and RH2VZ models. ⁴Based on manufacturer's product offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on unit location and installation. ⁵Applies to the RHMV*****, RH3VZ and RH2VZ models. ⁶Applies to the RH3VZ model. ⁷Applies to RH2VZ, RH2TZ, and RF2TZ models. ⁸WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. ⁹Applies to RHMV*****, RH3VZ, and RH2VZ models.

Features & Benefits: EcoNet®



The Rheem Endeavor Line RHMVZ****C, RH3VZ and RH2VZ 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:

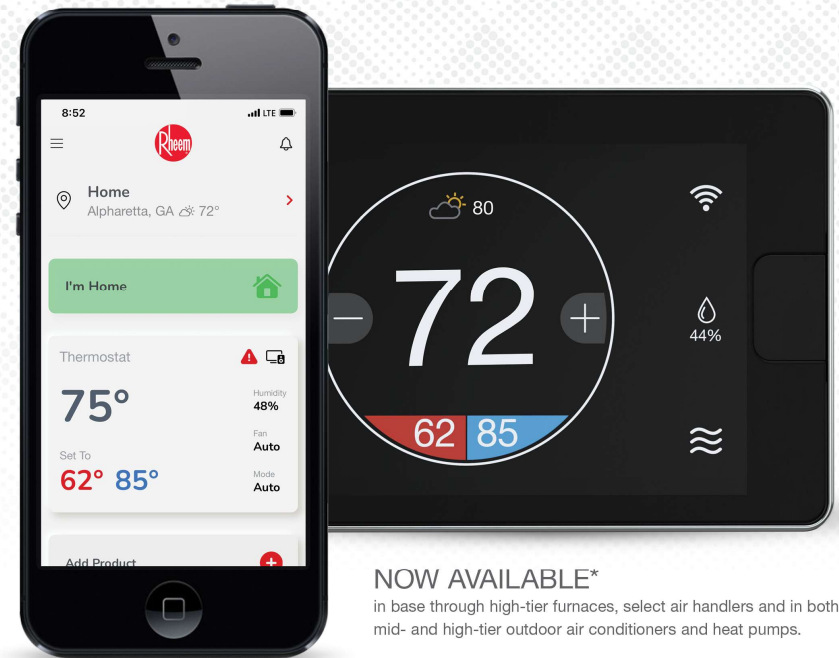
- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App*
- Alerts sent directly to your phone or email

*WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.



ENDEAVOR™

ENDEAVOR™
NEXT-LEVEL COMFORT



NOW AVAILABLE*

in base through high-tier furnaces, select air handlers and in both mid- and high-tier outdoor air conditioners and heat pumps.

ENDEAVOR™ LINE
CLAIMS



ENDEAVOR™

An aerial photograph of a large, light-colored building with a prominent arched entrance. To the left, a large American flag flies on a tall pole. The building is surrounded by a parking lot filled with cars. The image has a dark blue overlay, and the text "Canton, MI at MIAT" is centered in white.

Canton, MI at MIAT

Endeavor™ Line Claims: Proven Faster

FASTER INSTALLATION

With Rheem® Contractor App-based commissioning via Bluetooth technology, features **up to 54% faster installation** over other residential HVAC brands.*

FASTER DIAGNOSTICS

With the Rheem® Contractor App via Bluetooth technology, features **up to 62% faster overall diagnostics** over other residential HVAC brands.*

FASTER COIL CLEANING

Our PlusOne® Triple Service Access, **enables up to 93% faster coil cleaning** over other residential HVAC brands.*

FASTER OVERALL INSTALL VIA ECONET

The EcoNet® Enabled, with the Rheem Endeavor™ Line features **up to 50% faster overall installation**, over other residential HVAC brands.*



*Per a 2022 MIAT Residential HVAC Competitive Time Study on base and mid-tier Endeavor Line products and commercially available competitor units of similar product tier.

Tested. Trusted. Tough.

Tested. Trusted. **Tough.**

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



Sustainability

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

Many Rheem products have sustainability features, but the RP18AZ, RP16AZ, RA18AZ, and RA16AZ models have earned our Sustainability Standout Seal, indicating that they are among the best of the best. We created the Seal to help homeowners more easily find the products that save energy, save money and save the planet.



*RP15AZ coming in 2023



ENDEAVOR™

ENERGY STAR®

Among Heat Pumps, and Air Conditioners, **These Are Stars.**

Earning ENERGY STAR® recognition means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and several of the Rheem Endeavor Heat Pumps (RP18AZ) and Air Conditioners (RA18AZ, RA14AZ and RA13NZ) are ENERGY STAR® certified, offering annual energy cost savings.



Key Takeaways

1

Faster Install Claim

2

Faster Diagnostics Claim

3

PlusOnes

4

Truly Variable Speed Options

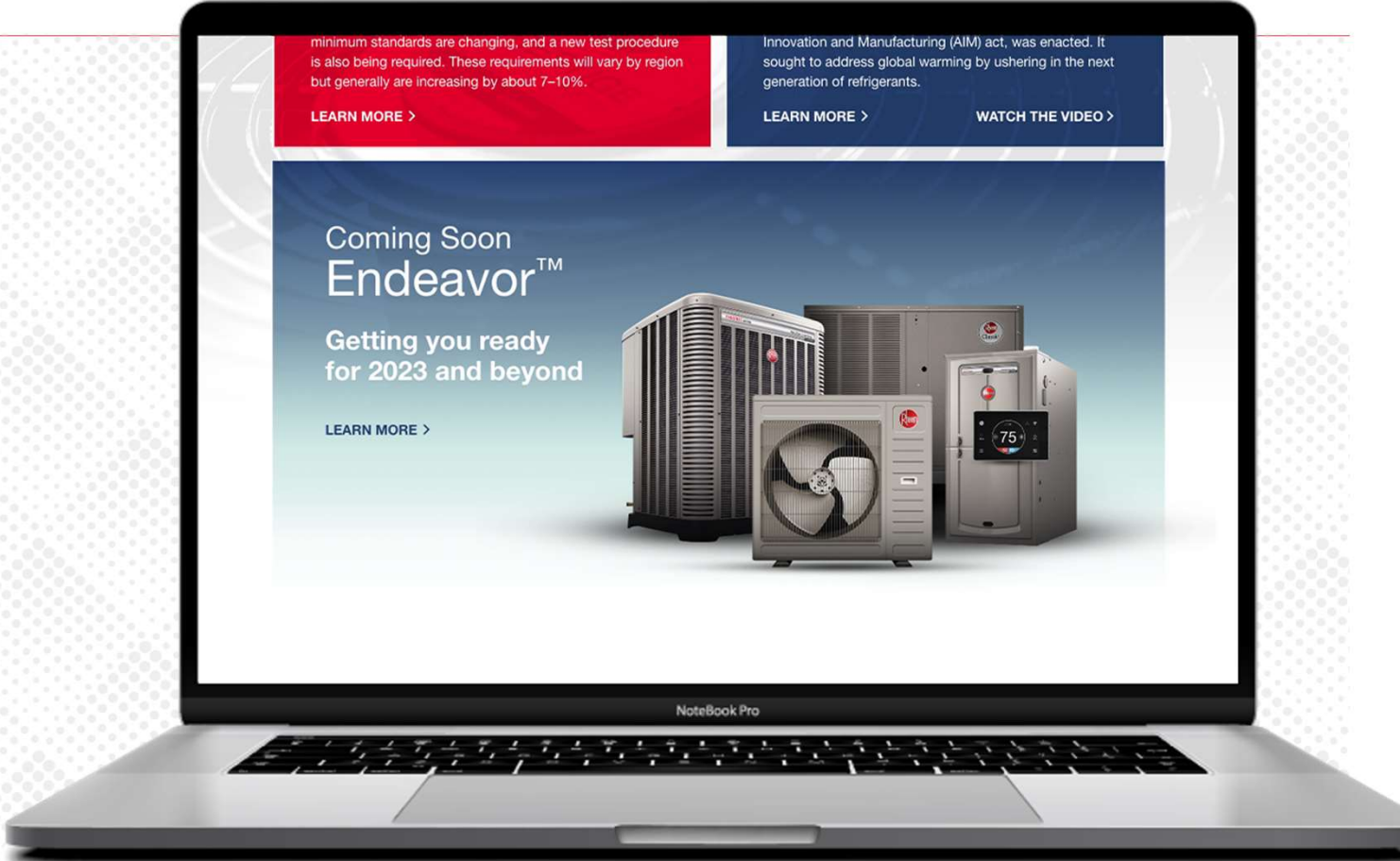
5

EcoNet-Enabled Options
Across *Prestige*[®] and *Classic Plus*[®] Tiers of Products

6

Sustainability Focus

Showcasing Endeavor: KnowZone™



Webpages

<https://www.galarson.com/services/government-affairs>

<https://www.gohvacr.com/seer2>

https://www.gohvacr.com/seer2/manufacturereinfo/rheem_seer2

<https://www.rheem.com/hvacknowzone/>

<https://www.rheem.com/federal-tax-credit/>

<https://www.rheem.com/rebate-center>

<https://my.rheem.com/>

<https://www.rheem.com/endeavor/>

