



# MORE EFFICIENT MORE RELIABLE MORE PEACE-OF-MIND

Experience reliability for years to come, while also saving money and energy with the EcoNet® Enabled Ruud® *Ultra™* Series Modulating U98V Gas Furnace. This high-efficiency, ENERGY STAR® qualified series is engineered so that you don't have to think about being comfortable in your home—you just are.

[Ruud.com](http://Ruud.com)



## **ULTRA SERIES MODULATING U98V**

98% AFUE Efficiency<sup>2</sup>

### **Ultimate Comfort**

Modulating operation saves energy and keeps families comfortable during every season.

### **Maximum Efficiency**

A 98% Annual Fuel Utilization Efficiency (AFUE) guarantees this gas furnace makes the most of every drop of fuel<sup>2</sup>.

### **Exceptional Quality & Reliability**

The *Ultra* Series Gas Furnace is designed with the exclusive PlusOne® Ignition System, which is nine times more reliable than other commonly used igniters.

### **Smart Controls & Alerts**

This innovative technology sends you important alerts and reminders to keep your system working at its best. Plus, it's easy to adjust your comfort settings from home or away<sup>3</sup>.

RELY ON RUUD.™

# RELIABLE COMFORT & SAVINGS THAT OUTPERFORM

## The Ruud® *Ultra™* Series Modulating U98V Gas Furnace

embodies the philosophy that the best design delivers everything Ruud customers need and want... and then some. It's a commitment to examine every aspect of every Ruud product from every angle, to offer the ultimate in performance, installability, serviceability, durability, integration, peace-of-mind and partnership for consumers and industry professionals alike.



Ruud-Exclusive  
**PlusOne® Ignition System**



Ruud-Exclusive  
**PlusOne® Energy Efficiency**



Ruud-Exclusive  
**PlusOne® Water Management System**



Industry-First  
**PlusOne® Diagnostics**

## Engineered For Long-Lasting Comfort

Industry-first patented features and 360°+1 engineering make the Ruud *Ultra* Series Modulating U98V Gas Furnace a smart option. From top to bottom, inside and out, and every angle in between, Ruud thought of everything to bring you **efficient** and **reliable** indoor comfort.

### Maximum comfort & performance

The U98V automatically adjusts—in small increments—between 40% and 100% of its total capacity, delivering a more **consistent indoor environment** and maximum heating efficiency. Unlike single-speed blower motors, the variable-speed blower motor runs at a wide range of speeds, so your home gets just the right amount of airflow in all seasons.

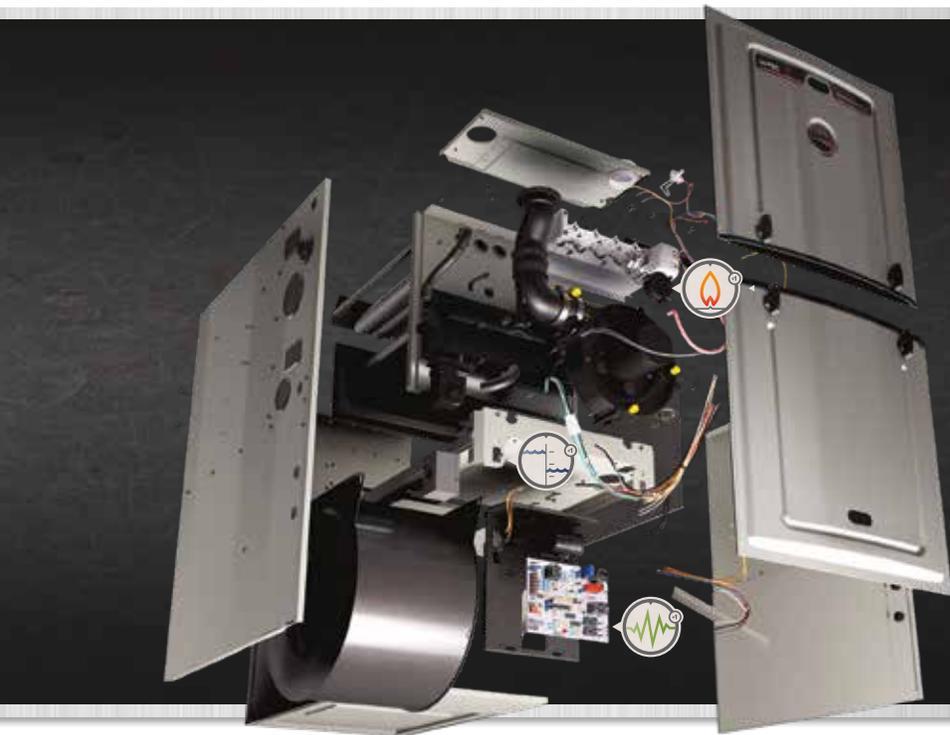
### Quieter than ever before

The new patented heat exchanger design provides improved airflow, which reduces operating sound by 20%<sup>4</sup>. The variable-speed ECM motor also contributes to quieter, more efficient operation and better humidity control, while using less power. Overall, this is one of the **quietest furnaces on the market**. And because of its high-efficiency, your monthly energy bill will benefit, too.

### Rock-solid reliability

The U98V comes standard with the **PlusOne Ignition System**. The proven technology of the Direct Spark Ignition (DSI) is one of the most reliable ignition systems available today. It is used only on Ruud residential gas furnaces as well as ovens and stoves—appliances you rely on daily.





## Engineered for Long-lasting Comfort

- 98% AFUE – This means maximum efficiency for you, and may qualify you for local and / or utility rebates
- Modulating operation – Provides superior comfort by knowing when to automatically adjust speeds, so there is no need for you to adjust the temperature
- Variable-speed ECM motor – Uses less energy than a single-stage motor; It's engineered for better dehumidification, which provides you with better indoor air quality

## More Peace-of-Mind

With the industry's first Blocked Drain Sensor, the Ruud **PlusOne Water Management System** will shut off your furnace when a drain is blocked, preventing water spillage from condensation and potential water damage to your home. It also prevents seasonal start-up issues. Plus, one of the industry's **best warranties** means fewer repair bills and a more comfortable indoor environment.

## Easy installation & maintenance

This means savings on installation costs and maintenance. The Ruud U98V is designed with PlusOne Diagnostics – an industry-first, 7-segment LED display that makes service calls **quick and easy**.

## Save energy & money

The U98V Gas Furnace is not only high-performing, but also **saves you energy and money**. A 98% AFUE<sup>2</sup> rating may qualify you for local and / or utility rebates. It's everything you need in a gas furnace—and more.

Maximum airflow and a patented heat exchanger design mean the U98V uses fuel efficiently and economically. It earned an ENERGY STAR<sup>®</sup> rating for reducing energy consumption and **lowering utility bills**, while maintaining comfortable temperatures.

## Utility rebates

Widely offered as incentives to **reduce energy consumption**, rebates make responsible use of resources. And with a 97% AFUE rating, you may be eligible. Visit [Ruud.com/Rebate](http://Ruud.com/Rebate) to check your state's policy on local utility and municipality rebates—then get ready to reap the rewards for choosing the best.



The *Ultra Series Modulating U98V Gas Furnace* is designed to operate with the EcoNet<sup>®</sup> Smart Thermostat. This easy-to-use thermostat optimizes system performance and includes great features like:

- Simple scheduling and one-touch energy savings
- Remote access via the EcoNet App
- Important equipment alerts sent directly to your phone or email
- Convenient voice control – just ask "Alexa, make home cooler"<sup>5</sup>



EcoNet Mobile App



EcoNet Smart Thermostat





## Ruud Philosophy of Reliability

Designed to keep your family comfortable for years to come, Ruud® products are developed using the 360°+1 design philosophy. The Ruud brand strives to deliver the very best homeowner experience by evaluating every detail of the product from every angle. That's 360°+1. And that's why you can rely on Ruud heating and cooling solutions to bring you and your family years of comfort.



## How to Speak Heating & Cooling

### Single-Stage

One level of operation, with no differentiation between peak or non-peak heating demands.

### Two-Stage

Two stages of operation, which saves energy during non-peak heating demands.

### Modulating

Varying levels of operation during non-peak heating demands. This results in lower operating costs and more comfortable temperatures throughout your home.

### Efficiency

Description for how effectively incoming energy converts to outgoing energy. Higher numbers mean a more efficient unit—and lower operating costs.

### AFUE

Annual Fuel Utilization Efficiency. Used to express the efficiency of gas furnaces. The higher the AFUE rating, the more efficient the unit.

### Heat Exchanger

Responsible for transferring heat from furnace burners to the blower. Ruud offers some of the best heat exchangers in the industry, plus limited lifetime warranties on some models<sup>6</sup>.

### Variable-Speed ECM Motor

Used in higher-efficiency indoor and outdoor units. Automatically adjusts the flow of warm or cool air in your home for ultimate comfort.

**Ready to upgrade or replace your old system?**

**Visit Ruud.com today to learn more.**

### Benefits At-A-Glance

#### PlusOne® Ignition System:

Direct spark ignition

#### PlusOne® Diagnostics:

7-segment LED display

#### PlusOne® Water Management System:

Patented Blocked Drain Sensor

#### PlusOne® Energy Efficiency:

98% AFUE<sup>2</sup> rating

#### Motor:

Variable-speed ECM motor modulating operation for ultimate comfort

#### Sound Level<sup>4</sup>:

Improved airflow for 20% quieter operation

#### Limited Warranty<sup>6</sup>:

Parts—10-year  
Heat exchanger—Limited Lifetime  
Conditional unit replacement—Limited Lifetime



## RUUD HEATING, COOLING & WATER HEATING

As the only brand bringing innovative air and water solutions to homes and businesses around the world, Ruud continues to deliver advanced comfort, savings and experiences to our customers—just as we've done for over 100 years.

To learn more about Ruud products, including the Ruud line of Integrated Home Comfort Solutions, visit us at **Ruud.com**



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In keeping with its policy of continuous progress and product improvement, Ruud reserves the right to make changes without notice.

**Ruud.com**

**YOUR LOCAL RUUD CONTRACTOR**

<sup>1</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>2</sup>Annual Fuel Utilization Efficiency (AFUE) measures the amount of heat delivered to a home compared to the amount of fuel that is supplied to the unit. Higher AFUE ratings reflect higher efficiency. <sup>3</sup>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. <sup>4</sup>Testing showed, on average, a 20% reduction in sound when compared to previous Ruud Gas Furnace models. <sup>5</sup>Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. <sup>6</sup>For complete details of the limited and conditional warranties, including applicable terms and conditions, contact your local contractor or go to Ruud.com for a copy of the product warranty certificate. Conditional warranties must be registered through RegisterMyUnit.com.

