



# 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<sup>1</sup> Efficiency

### 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.

### RELIABILITY & DURABILITY

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

### ECONET®

This innovative technology sends you important reminders to keep your system working at its best. Plus, it's easy to adjust your comfort settings from home or away.<sup>2</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 engineering make the Ruud *Ultra* Series Modulating U98V Gas Furnace a smart option to bring you efficient, reliable and lasting indoor comfort—all thanks to its modulating gas valve and variable-speed blower motor.

## Maximum comfort and performance

When used with an EcoNet® Control Center, 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.

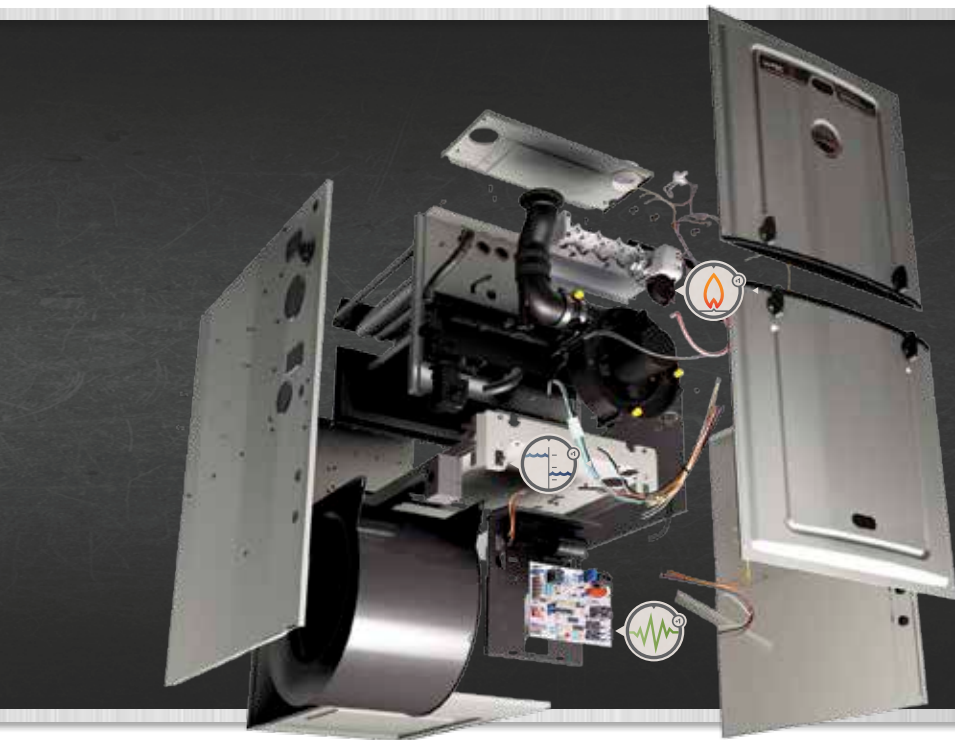
## Quieter than ever before

The new patented heat exchanger design provides improved air-flow, which reduces operating sound by 20%<sup>3</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 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 and maintenance

This means savings on installation costs and maintenance. The Ruud U98V is engineered with the industry-first, 7-segment LED display that makes service calls quick and easy.

## Save Energy and Money

The U98V Gas Furnace is not only high-performing, it also **saves you energy and money**. A 98% AFUE 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® 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 98% 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 Smart Home System. EcoNet technology combines select Ruud Heating, Cooling and Water Heating solutions into one integrated network so you can effortlessly manage home comfort and energy usage from anywhere with the control center, free mobile app or mobile-friendly web portal.





## HVAC Talk

### 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.

### 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.

When it's time to upgrade or replace your system, Ruud-brand products make it easy. The full line of energy-efficient gas furnaces keeps your family comfortable, while saving on energy and maintenance costs.

Ready to upgrade or replace your old system? **Visit [Ruud.com](http://Ruud.com) today to learn more.**

### Benefits At-A-Glance

#### PlusOne® Features:

##### PlusOne Ignition System –

Direct Spark Ignition

##### PlusOne Diagnostics –

7-segment LED display

##### PlusOne Water Management

System – Blocked drain

sensor (patent pending)

#### Motor

Variable-speed ECM motor modulating operation for ultimate comfort

#### Efficiency

98% AFUE<sup>1</sup>

#### Sound Level<sup>3</sup>

Tighter door seals, rubber grommets and a twist-lock wire harness in the blower shelf ensure quiet operation

#### Limited Warranty<sup>4</sup>

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

For over 100 years, the Ruud® brand has provided trusted, long-lasting solutions. It has consistently offered reliable heating and cooling products focused on keeping you comfortable. No matter how advanced the engineering has become, Ruud will always offer reliability. With Ruud, you get a history of doing things right and the promise that you can **Relly on Ruud.™**

To learn more about Ruud-brand products, visit [Ruud.com](http://Ruud.com).



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

**RELY ON RUUD.™**

## YOUR LOCAL RUUD CONTRACTOR

<sup>1</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>2</sup> Purchase and installation of EcoNet® WiFi Kit and EcoNet Control Center required; WiFi broadband Internet connection required; must be paired with EcoNet Enabled heat pump or air conditioner.

<sup>3</sup> Testing showed, on average, a 20% reduction in sound when compared to previous Ruud Gas Furnace models.

<sup>4</sup> For complete details of the limited and conditional warranties, including applicable terms and conditions, contact your local contractor or go to [Ruud.com](http://Ruud.com) for a copy of the product warranty certificate. Conditional warranties must be registered through [registermyunit.com](http://registermyunit.com).

