



**GAS FURNACES
U97V**

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 U97V 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

ULTRA SERIES MODULATING U97V

97% AFUE* EFFICIENCY

Ultimate Comfort

Modulating operation saves energy and maintains optimal comfort level during every season.

Maximum Efficiency

A 97% 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.**



RELY ON RUUD.™

360°+1 TAKES COMFORT A STEP FURTHER.

The Ruud *Ultra*™ Series Modulating U97V Gas Furnace was designed using our 360°+1 process, which means every detail of the product is meticulously evaluated from every angle. We consider the work that goes into installing and servicing our products, as well as how we can deliver the very best homeowner experience. And then we take it a step further. That's 360°+1. And that's why you can count on your gas furnace to bring you and your family years of comfort.



Ruud-Exclusive
PlusOne™ Ignition System



Ruud-Exclusive
PlusOne™ Water Management System



Industry-First
PlusOne™ Diagnostics

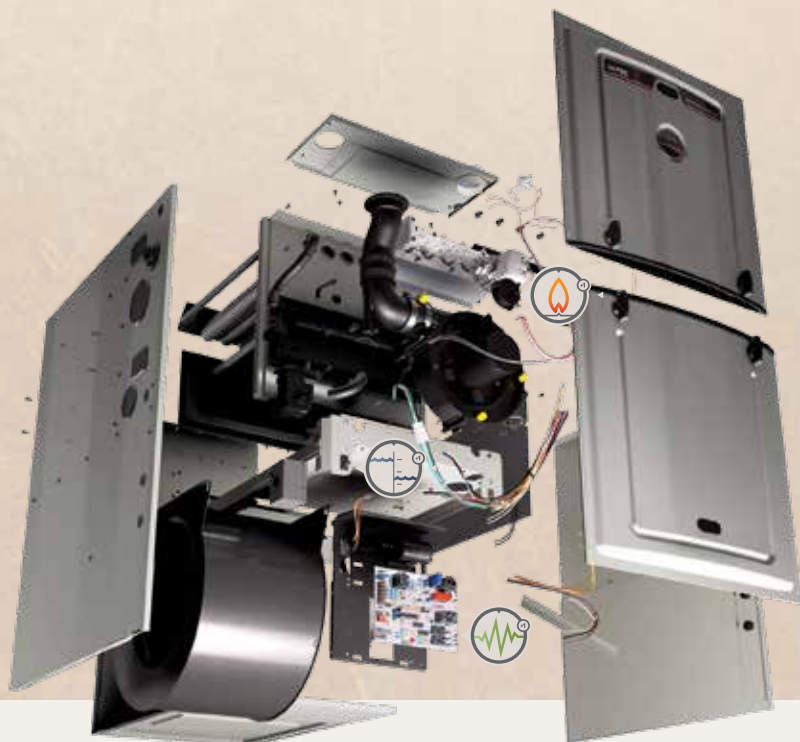
Designed for Comfort that Lasts

Industry-first patented features and 360°+1 engineering make the Ruud *Ultra* Series Modulating U97V Gas Furnace a smart option. From top to bottom, inside and out, and every angle in between, we've thought of everything to bring you **efficient** and **reliable** indoor comfort.

Enjoy **ultimate comfort and better performance** thanks to a modulating gas valve and variable-speed blower motor. When used with an EcoNet™ Control Center, the U97V automatically adjusts – in small increments – between 40% and 100% of its total capacity. Automatic adjusting delivers 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.

Less sound and more comfort is what you get with a Ruud *Ultra* Series Modulating Gas Furnace. The new patented heat exchanger design provides improved airflow, which reduces operating sound by 20%***. The variable-speed ECM motor also contributes to quiet, more efficient operation. It's engineered to provide better humidity control while using less power. Overall, this is one of the **quietest furnaces on the market**. And because it's high-efficiency, your monthly energy bill will benefit, too.

Reliability is of the utmost importance when it comes to your home's comfort. The *Ultra* Series Modulating Gas Furnace comes standard with the Ruud-exclusive **PlusOne Ignition System**. This proven direct spark ignition (DSI) is one of the most reliable ignition systems available today. Used **exclusively by Ruud** on residential gas furnaces, this proven technology is also used on ovens and stoves – appliances you rely on daily.



Engineered for High-Performance

- **97% 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.

Protect your home with our **PlusOne™ Water Management System**.

The industry's first blocked drain sensor 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. All this and one of the **best warranties** in the industry translate to fewer repair bills and a more comfortable indoor environment.

Easy installation and maintenance features benefit consumers, too. This means savings on installation costs and maintenance. The Ruud *Ultra™* Series Modulating Gas Furnace is designed with **PlusOne Diagnostics** – our industry-first, 7-segment LED display that makes service calls **quick and easy**.

Save Energy and Money

The Ruud *Ultra* Series Modulating U97V Gas Furnace is not only high-performing, it also **saves you energy and money**. A 97% AFUE rating may qualify you for local and/or utility rebates. It's everything you need in a gas furnace – and more.

Energy savings are a welcome bonus to any heating system. Maximum airflow and a patented heat exchanger design mean the U97V uses fuel efficiently and economically. It gets an ENERGY STAR® rating for reducing energy consumption and **lowering utility bills** while maintaining comfortable temperatures.

Utility Rebates are now widely offered as incentives to **reduce energy consumption** and make responsible use of resources. With a 97% AFUE rating, you may be eligible for a rebate. Visit **Ruud.com/rebate** to check your state's policy on local utility and municipality rebates, and get ready to reap the rewards of choosing the best for your home.



The *Ultra* Series Modulating U97V 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.



RELY ON RUUD.™

RELY ON RUUD.™

For more than a century, Ruud has been a **name synonymous with reliability**. We engineer our gas furnaces with durability in mind, testing and retesting to guarantee a superior product. In addition, we work hard to bring you energy-efficient products that reduce your monthly energy costs, so you can be sure you're getting long-lasting value and comfort with any Ruud product you purchase.



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 is converted to outgoing energy. The higher the number, the more efficient the unit – and the lower the 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 uses some of the best heat exchangers in the industry, offering 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 makes it easy. Our full line of energy-efficient gas furnaces is built to keep your family comfortable while saving on energy and maintenance costs.

Visit Ruud.com today to learn more.

YOUR LOCAL RUUD CONTRACTOR

NWHVAC Service

14004 NE 82nd Ave

Vancouver, WA 98662

phone: 360-576-9679

fax: 360-576-1588

Email: office@nwhvac.net

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*

97% AFUE

Reliability

PlusOne Ignition System for
nine times more reliability compared
to most hot surface igniters

Sound Level***

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

Limited Warranty†

Parts – 10-year

Heat exchanger – Limited Lifetime

Conditional unit replacement –

Limited Lifetime



For over 100 years, Ruud has provided trusted, long-lasting solutions. We have made a habit of delivering reliable heating & cooling products focused on keeping you comfortable. No matter how advanced our engineering has become, we'll always "make them like we used to." With Ruud, you get a history of doing things right and our word that you can **Rely on Ruud.™**

To learn more about our products, visit us online at **Ruud.com**.



Ruud USA

P.O. Box 17010
Fort Smith, Arkansas 72917



Ruud Canada

125 Edgeware Road, Unit 1
Brampton, Ontario L6Y 0P5

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

RELY ON RUUD.™

*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.

**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.

***Testing showed, on average, a 20% reduction in sound when compared to previous Ruud gas furnace models.

†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**.

