



**GAS FURNACE**



## ACVM97

HIGH-EFFICIENCY VARIABLE-SPEED  
MODULATING GAS FURNACE  
Downflow/Horizontal

Up to 98% AFUE Performance

**ComfortBridge™** Communicating  
Technology Compatible



The time for a comfort revolution has come! Replace your lackluster indoor comfort equipment and fight back against rising energy costs!

Demand an energy-efficient gas furnace that is designed to keep your home comfortable, even on the coldest days of the year. Don't get left out in the cold. It's time to overthrow indoor chills and win the battle for long-term comfort.

### Features and benefits:

**Stainless-Steel Tubular Primary Heat Exchanger** – Distinctive tubular stainless-steel construction formed using wrinkle bend technology results in an extremely durable heat exchanger. Paired with a stainless-steel secondary heat exchanger, this combination provides reliability, durability and efficiency.

**Efficient and Quiet Variable-Speed Circulator Motor** – Provides quiet system startup and shutdown with highly efficient performance.

**Durable Silicon Nitride Igniter** – Eliminates the need for an energy-wasting pilot light.

**Self-Calibrating Modulating Gas Valve** – Auto-configures for each installation.

**Quiet, Variable-Speed, Induced-Draft Blower** – Provides precise control and enhanced energy-efficient performance as compared to a natural draft furnace.

**Continuous Air Circulation** – Provides added filtration and keeps air moving throughout your home to help maintain comfort.

**Self-Diagnostic Control Board** – Continuously monitors the system for consistent, reliable operation, stores last diagnostic codes in memory; and indicates condition through a 7 segment display for quick troubleshooting.

**Heavy-Gauge Steel Cabinet** – Durable finish resists corrosion and protects essential components.

**Thermally Insulated Cabinet** – The fully-insulated cabinet means air leakage of less than 2% to maximize heat transfer efficiency with low blower noise.



It's time for a **Liberty** brand heating and cooling system!

### Designed, engineered, and assembled in America

Where your home's heating and the cooling system comes from can be very important to you. That's why we're proud that every **Liberty** brand product is designed, engineered, and assembled in our manufacturing facility near Houston, TX, one of the largest facilities of its type in North America.



We believe in American dependability. Liberty brand units are designed, engineered and assembled in the U.S.A.

Visit [www.libertyhvac.com](http://www.libertyhvac.com) for full product line information.

## ComfortBridge™ technology

When paired with a compatible outdoor unit, **ComfortBridge™** off-the-wall communicating technology constantly monitors the performance of a heating and cooling system. **ComfortBridge** technology gathers data to make automatic adjustments, as needed, to use the minimum amount of energy required to create consistent and comfortable indoor heating and cooling.

Rather than installing the communications technology circuit board in the thermostat (which is connected to an inside wall in a home), the **ComfortBridge** circuit board is securely installed in the indoor unit of the energy-efficient heating and cooling system. **ComfortBridge** technology works with any single-stage thermostat to help create customized indoor comfort specifically for you and your family.

## Testing and quality

**Liberty** brand heating and cooling products are tested from the development phase through post-production to ensure every unit provides the company's best quality and value.

On the assembly line, we leak test every unit multiple times during the manufacturing process and run test each and every unit before it's shipped from our facilities. We also employ the rigors of Six Sigma principles to constantly challenge ourselves to improve both our product design and our manufacturing processes.

We take great pride in all of our products, relying on strict quality-driven processes to help ensure that each component and the final assembled product meets or exceeds our customer's expectations.

We do all this because anything less would not be worthy of your quality standards.



# PRECISE COMFORT AND VALUE

## Peace of mind

Every **Liberty** brand indoor comfort product is built to our highest standards. The high quality of our products' limited warranties\* reflect the high standards of our manufacturing processes. That's why all **Liberty** brand products provide outstanding limited warranty\* protection. Why would you settle for anything less?



\* Complete warranty details available from your local dealer or at [www.Libertyhvac.com](http://www.Libertyhvac.com). To receive the Lifetime Unit Replacement Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



**Asure**  
EXTENDED SERVICE PLAN

## Extended service plans available

For even greater peace of mind, ask your dealer for more details about Asure<sup>SM</sup>, an affordable Parts and/or Labor Extended Service Plan for your entire **Liberty** HVAC system.

## Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.