



**HEAT PUMP**



## AVZC18

HIGH-EFFICIENCY HEAT PUMP WITH INVERTER TECHNOLOGY

Up to 19 SEER

Up to 10 HSPF Performance

**ComfortBridge™** 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 heat pump that is designed to keep your home comfortable, even on the hottest or coldest days of the year. It's time to overthrow inefficient heating and cooling equipment and win the battle for long-term comfort.

### Features and benefits:

#### ComfortBridge™ Technology

**Compatible** – Continuously monitors system performance for customized indoor comfort.

#### CoolCloud™ HVAC App

– Enables qualified technicians to connect, configure and diagnose select HVAC systems quickly and accurately.

#### High-Efficiency, Variable Speed

**Compressor** – Is designed to provide years of reliable cooling comfort, it provides up to 19 SEER cooling performance for lower energy bills compared to lower SEER, single-stage compressors.

#### High-Efficiency Variable Speed ECM

**Condenser Fan Motor** – The advanced fan design, provides dependable, quiet airflow across the condensing coil.

#### Advanced Diagnostics

– Constantly monitors your heat pump system to help reduce failures and pinpoint trouble spots for a fast fix.

#### Efficient Cooling Capacity

– The seven millimeter, refrigeration-grade premium copper tubing and aluminum fin condenser coil configuration delivers outstanding heat transfer properties with R-410A refrigerant.

#### Quiet Operation

– An acoustically engineered sound control blanket helps reduce noise levels compared to units without sound control blankets.

#### Heavy-Gauge, Galvanized Steel Enclosure with Sound Control Top

– It provides dependable, quiet airflow across the condensing coil.

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.

## Commitment to quality engineering



When your new heat pump is paired with a **Liberty** brand gas furnace or air handler

with **ComfortBridge** communicating technology, performance data from the split system is gathered and used to make automatic adjustments that may help reduce the amount of energy used to cool your home.

Always in pursuit of innovative ideas, our engineers have designed **ComfortBridge** communicating technology to help your entire HVAC system cost-effectively operate at peak performance – providing consistent energy-efficient home comfort. **ComfortBridge** communicating 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.

## The difference is our inverter technology

An inverter technology compressor functions much like a dimmer switch to a light bulb. With an inverter technology compressor, the speed levels are adjusted automatically to optimize the amount of energy required to maintain the temperature you have selected on the thermostat. When more power is needed the inverter technology increases the compressor's speed. As the desired temperature is achieved, the Inverter technology adjusts the speed to deliver the right amount of energy required to maintain your indoor comfort. The result is lower utility bills compared to single speed compressors and more constant indoor comfort because the compressor is not operating at full capacity all of the time.

# 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.



## 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.



## 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.