

**ABCOOLAIR**  
AIR CONDITIONING + HEATING

Up to 80% AFUE Performance

GMEC80: Multi-position, Upflow/Horizontal  
GCEC80: Multi-position, Downflow/Horizontal

TWO-STAGE, ENERGY-EFFICIENT,  
MULTI-SPEED ECM GAS FURNACE

**GMEC80/GCEC80**



**COMFORT +  
VALUE.**



GMEC80 shown above

RELIABILITY, EFFICIENCY AND AVAILABILITY  
QUALITY YOU CAN DEPEND ON

# GMEC80/GCEC80

## ABCOOLAIR brand Multi-Speed ECM Gas Furnace ENERGY-EFFICIENT

COMFORT.  
SAVINGS.  
PERFORMANCE.

### Enjoy the comfort and efficiency

ABCOOLAIR's GMEC80/GCEC80 Energy-Efficient Gas Furnace with two-stage heating and a circulating blower provides efficient and economical performance. Unlike single-stage gas furnaces that operate 'all on' or 'all off,' a ABCOOLAIR brand variable-speed gas furnace typically runs up to 90% of the time in the low-speed capacity on most days. But when the temperature outside is frightfully cold, this furnace quietly ramps up to high-speed capacity to deliver all the warm, comfortable heat your home needs.

When operating at low-speed levels, your ABCOOLAIR gas furnace consumes less energy to keep your home comfortable. In addition, the 80% AFUE rating on this gas furnace means that 80 cents of every \$1.00 of heating energy expense warms your home. Some older central heating systems are rated at 60% AFUE, meaning only 60 cents of every \$1.00 of heating energy expense warms your home. The remaining 40 cents is lost energy – wasteful and expensive.

The Department of Energy (DOE) established the AFUE (Annual Fuel Utilization Efficiency) system to calculate the annual operating cost of residential gas furnace.

### A comfortable value

When selecting a gas furnace for your home, you are often searching to find the best combination for an ideal level of home comfort. You want to find a gas furnace that offers exceptional, dependable, and stable performance for many, many years. Most important you want the best value possible. Faced with the decision to find a trustworthy and reliable gas furnace that delivers quiet, energy-saving operation and outstanding long-term value, the ABCOOLAIR brand GMEC80/GCEC80 Gas Furnace may be your best option. The gas furnace in your home provides not only heating comfort, but it operates with your central air conditioner to deliver cool comfort too. So your final choice is doubly beneficial. Whether it's the coldest day of the year or any day of the year, with the ABCOOLAIR brand GMEC80/GCEC80 Gas Furnace you'll enjoy comfort and value.

Talk to your ABCOOLAIR brand dealer about opportunities to optimize the efficiency of your new unit.

### Quiet you can count on

The components of your ABCOOLAIR brand GMEC80/GCEC80 Furnace including the multi-speed ECM blower and two-stage gas valve have been specially selected to reduce the noise levels common in other furnaces without these features. Plus, because your furnace's DualSaver™ Technology provides steady, gradual heat, it operates more quietly than furnaces without this technology. Finally, we house these components in a fully insulated, heavy-gauge steel cabinet. The result... quiet comfort.

### The heart of comfort

The award-winning design of the primary heat exchanger in the ABCOOLAIR brand GMEC80/GCEC80 is unique. It's constructed from tubular aluminized-steel and formed into a dual diameter configuration.



Furthermore, the use of wrinkle-bend technology results in an extremely durable heat exchanger. A heat exchanger often is considered the essential component of any gas furnace. Additionally, this gas furnace has a stainless-steel secondary heat exchanger. This combination offers one of the best levels of reliability, durability, and efficiency you'll find within the ABCOOLAIR brand.

# COMFORT + QUALITY.

## GMEC80/GCEC80 IMPRESSIVE FEATURES AND BENEFITS

### Outstanding warranty\* protection



\* Complete warranty details available from your local dealer or at ABCOOLAIRHVAC.com. To receive the 10-Year Unit Replacement Limited Warranty, Lifetime Heat Exchanger 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.

For further peace of mind, ask your ABCOOLAIR dealer about ASURE<sup>SM</sup> extended service plans available to you!



GMEC80 shown

- **DISTINCTIVE, HEAVY-DUTY HEAT EXCHANGER TECHNOLOGY** – Constructed from tubular aluminized-steel, the primary heat exchanger is designed for outstanding durability and heat transfer. The use of wrinkle bend technology maintains the wall strength of the tubular design and aids in the efficient transfer of heat.
- **MULTI-SPEED ECM BLOWER MOTOR SUPPORTS EFFICIENCY** – A quiet energy efficient blower motor uses the lowest speed it can to help deliver precise temperature control in your home. Lower blower motor speeds require less energy consumption, which can help to lower utility bills, compared to single speed blower motors.
- **SELF-DIAGNOSTIC CONTROL BOARD** – Silently and consistently monitors the gas furnace to ensure all furnace components are working properly and helps to achieve the energy-efficient performance too. Also, allows for quick troubleshooting when gas furnace needs maintenance.
- **DURABLE SILICON NITRIDE IGNITER** – This energy-saving technology eliminates the need for traditional pilot light. The igniter is constructed for both strength and outstanding reliability.
- **TWO-STAGE GAS VALVE** – Automatically adjusts to the most efficient amount of gas needed to reach and maintain the temperature selected on the thermostat.
- **INSULATED FURNACE CABINET** – Even the metal walls of this gas furnace support energy-efficiency. A fully insulated cabinet helps to keep the heat inside the furnace and has less than a 2% air leakage rate.

# Never heard of the **ABCOOLAIR** brand?

WE'RE NOT SURPRISED.



Many homeowners are not aware of the brand or efficiency level of their heating and cooling system. As long as the system is operating and providing reliable heating and cooling everything is fine. Then one day the system stops working. And that's the same day that homeowners briefly reacquaint themselves with their heating and cooling unit!

You may not have heard about the **ABCOOLAIR** brand of residential heating and cooling systems because the brand is not a nationally advertised brand. In addition, most homeowners purchase a central heating and cooling system just once or twice in their lifetime. Even though you may not have heard of the **ABCOOLAIR** brand you can rest assured that all **ABCOOLAIR** brand products are hard working, and are designed to deliver energy-efficient performance for many, many years.

Your local heating and cooling contractor has access to many brands that they can offer, so when they recommend the **ABCOOLAIR** brand you should know that they have determined that this brand is the best for you, your family and your home.

For complete information on the **ABCOOLAIR** brand, be certain to visit:

**[ABCOOLAIRHVAC.com](http://ABCOOLAIRHVAC.com)**

Can no longer be installed in California's South Coast Air Quality Management District (SCAQMD) on or after October 1, 2019.

Our continuing commitment to quality products may mean a change in specifications without notice.

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