

# G97CMN

## Up to 98% AFUE COMMUNICATING, MODULATING GAS FURNACE

### EASIER TO SELL

- Up to 98% AFUE in upflow and horizontal positions  
Up to 96.7% AFUE in downflow
- Modulating heating operation (40% - 100% capacity)
- ION™ Communicating Control System
- Observer® Communicating Control System
- Xtra SEER Variable Speed ECM blower motor
- Supports single- and two-stage cooling units
- Dehumidification feature in cooling
- Low NOx units are designed for California installations and meet 40 ng/J NOx emissions. Can be installed in air quality management districts with a 40 ng/J NOx emissions requirement.
- Cabinet air leakage less than 2.0% at 1.0 in. W.C. and cabinet air leakage less than 1.4% at 0.5 in. W.C. when tested in accordance with ASHRAE standard 193

### TOUGHER

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ® primary heat exchanger
- Stainless steel secondary heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor

### QUIETER

- Operates at quieter, lower heating rates
- Variable speed induced draft combustion motor
- Variable speed, constant airflow ECM blower motor
- Fully insulated steel cabinet

### EASIER TO INSTALL AND SERVICE

- Direct vent (2-pipe) or ventilated combustion air
- 24 VAC humidifier terminal and electronic air cleaner terminal
- 35" (889mm) high, for ease of installation and room for service
- Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- At least twelve different venting configurations
- Through the casing flue pipe for counterflow or horizontal applications with accessory kit (order separately)
- Concentric vent available
- Simple troubleshooting of gas valve
- Self-configuring and communicating control
- Slide out heat exchanger assembly and blower assembly

### LIMITED WARRANTY\*

- 10 year No Hassle Replacement™ limited warranty
  - Lifetime heat exchanger limited warranty with timely registration
  - 5 year parts limited warranty
    - With timely registration, an additional 5 year parts limited warranty
- \* For residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.

### For California Residents:

For installation in SCAQMD only: This furnace does not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com)



TSTAT0201CW  
Recommended  
(sold separately)



SYST0101CW  
Recommended



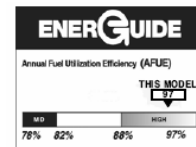
Illustrations and photographs are only representative. Some Product models may vary.

**WARNING**

**CARBON MONOXIDE POISONING AND FIRE HAZARD**  
Failure to follow this warning could result in personal injury, death, and/or property damage.  
This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors.  
Failure to follow this warning could result in personal injury, death, and/or property damage.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to [www.ahridirectory.org](http://www.ahridirectory.org).



# G97CMN (cont.)

UNIT PERFORMANCE DATA								
Model Number	Heating Input (MBTUH)	Efficiency Range AFUE		ENERGY STAR®	Cooling Capacity CFM range @ .5 in. w.c.	Operating Dimensions Height x Width x Depth inches (millimeters)	Shipping Weight lbs (kg)	Notes
		Upflow/Hz	Downflow					
G97CMN0601714A	60,000	97.0%	95.0%	✓	510-1335	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	154 (69)	
G97CMN0602120A	60,000	98.0%	96.7%	✓	510-1905	35 x 21 x 29-1/2 (889 x 533 x 750)	159 (70)	
G97CMN0801714A	80,000	97.0%	95.0%	✓	490-1375	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	164 (74)	
G97CMN0802120A	80,000	97.0%	95.0%	✓	750-1945	35 x 21 x 29-1/2 (889 x 533 x 750)	169(77)	
G97CMN1002122A	100,000	97.0%	95.0%	✓	715-2160	35 x 21 x 29-1/2 (889 x 533 x 750)	179 (80)	
G97CMN1202422A	120,000	97.0%	95.0%	✓	885-2185	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	203 (91)	