

F97CMN

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



TSTAT0201CW
Recommended
(sold separately)



SYST0101CW
Recommended



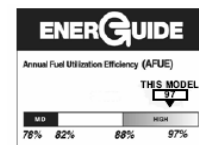
Illustrations and photographs are only representative. Some Product models may vary.

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.



F97CMN (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					
F97CMN0601714A	60,000	97.0%	95.0%	✓	510-1335	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	154 (69)	
F97CMN0602120A	60,000	98.0%	96.7%	✓	510-1905	35 x 21 x 29-1/2 (889 x 533 x 750)	159 (70)	
F97CMN0801714A	80,000	97.0%	95.0%	✓	490-1375	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	164 (74)	
F97CMN0802120A	80,000	97.0%	95.0%	✓	750-1945	35 x 21 x 29-1/2 (889 x 533 x 750)	169(77)	
F97CMN1002122A	100,000	97.0%	95.0%	✓	715-2160	35 x 21 x 29-1/2 (889 x 533 x 750)	179 (80)	
F97CMN1202422A	120,000	97.0%	95.0%	✓	885-2185	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	203 (91)	