

G80VTL

80% AFUE Two-Stage, Variable 25-Speed, Non-Communicating Gas Furnace



Efficiency/Performance

- Variable 25-speed, constant torque ECM motor
- Enhanced diagnostics with easy to read 3 digit display for faults and status
- 80% AFUE
- 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
- Supports two-stage cooling units
- Flame roll-out sensors standard
- Category I venting
- Blocked vent switch
- Dehumidification feature in cooling
- 24 VAC humidifier terminal
- Electronic air cleaner terminal
- All units can be installed in air quality management districts with a 40 ng/J NOx emissions requirement

Reliability/Durability

- Variable speed, constant airflow ECM blower motor
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ Aluminized steel heat exchanger
- High temperature limit control designed to prevent overheating
- Direct ignition with Silicon Nitride ignitor
- One piece prepainted steel cabinet
- Two-stage operation
- Two-speed induced draft blower
- In-shot burners
- Insulated blower compartment

Easy-to-Install and Service

- On-board NFC antenna makes setup a tap away when using service technician app
- 33-1/3" (847mm) high, for ease of installation
- Quarter turn knobs for easy door removal and secure attachment
- Convertible to propane with gas conversion accessory kit
- Twinning capable with accessory kit
- Four position – upflow/downflow/horizontal (left/right) installation
- Three position vent elbow capability
- Through the casing flue pipe for counterflow applications
- Common venting with other Category I appliances
- Masonry chimney adapter available
- Self diagnostics
- Slide out blower assembly

Limited Warranty*

- Five-year No Hassle Replacement™ limited warranty
- Lifetime heat exchanger limited warranty with timely registration
- Five-year parts limited warranty
 - With timely registration, an additional five-year parts limited warranty

* For residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.

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



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.



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 or outdoors.
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Unit Performance Data

Model Number	Heating Input (BTUH)	Efficiency AFUE	Cooling Capacity CFM range @ .5 in. w.c. (125 PA)	Dimensions H x W x D Inches (Millimeters)	Shipping Wt. Lbs (Kg)
G80VTL0451412B	44,000	80%	185-1345	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	114 (51.7)
G80VTL0701716B	66,000	80%	260-1715	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	134 (60.8)
G80VTL0902120B	88,000	80%	330-2285	33-1/3 x 21 x 29 (847 x 533 x 737)	149 (67.6)
G80VTL1102120B	110,000	80%	375-2345	33-1/3 x 21 x 29 (847 x 533 x 737)	155 (70.3)