



G96VTN

Variable 25-Speed, Non-Communicating, Two-Stage Gas Furnace

Efficiency/Performance

- Up to 96.7% AFUE in upflow and horizontal positions, 95% AFUE in downflow position
- Two-stage heating operation
- Variable 25-speed, constant torque ECM blower motor
- Supports single-stage and two-stage cooling units
- Dehumidification feature in cooling
- 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

Reliability/Durability

- 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 designed to prevent overheating
- Direct ignition with Silicon Nitride ignitor
- Operates at quieter, lower heating rates
- Two-speed induced draft combustion blower
- Variable speed, constant torque ECM blower motor
- Fully insulated steel cabinet

Easy-to-Install and Service

- On-board NFC antenna makes setup a tap away when using the service technician app
- Direct vent (2-pipe), single-pipe venting or ventilated combustion air
- Electronic Air Cleaner and Humidifier terminal
- 35" (889mm) high, for ease of installation
- Quarter turn knobs for easy door removal and secure attachment
- Convertible to propane with gas conversion accessory kit
- Four position - upflow/downflow/horizontal (left/right) installation
- Twelve different venting configurations
- Through the casing flue pipe for counterflow or horizontal applications with accessory (order separately)
- Concentric vent available
- Slide out heat exchanger assembly and blower assembly
- Twinning capable with accessory (order separately)
- 5 ton sizes allow 15 Amp breaker with accessory (order separately)
- Compatible with 24V thermostats

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.

Unit Performance Data

Model Number	Heating Input (BTUH)	Efficiency Range AFUE		Energy Star®	Cooling Capacity CFM range @ .5 in wc (125 PA)	Operating Dimensions H x W x D (sq) in (mm)	Shipping Weight lbs (kg)
		Upflow/Hz	Downflow				
G96VTN0401410B	40,000	96.0%	95.0%	•	135-1035	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	126 (57.2)
G96VTN0401712B	40,000	96.0%	95.0%	•	205-1105	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	136 (61.7)
G96VTN0601412B	60,000	96.0%	95.0%	•	175-1155	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	128 (58.1)
G96VTN0601716B	60,000	96.3%	95.0%	•	345-1565	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	145 (65.8)
G96VTN0801716B	80,000	96.2%	95.0%	•	255-1625	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	152 (68.9)
G96VTN0802120B	80,000	96.7%	95.0%	•	270-2110	35 x 21 x 29-1/2 (889 x 533 x 750)	160 (72.6)
G96VTN1002120B	100,000	96.1%	95.0%	•	340-2170	35 x 21 x 29-1/2 (889 x 533 x 750)	172 (78.0)
G96VTN1002122B	100,000	96.2%	95.0%	•	525-2250	35 x 21 x 29-1/2 (889 x 533 x 750)	173 (78.5)
G96VTN1202422A	120,000	96.7%	95.0%	•	165-2130	35 x 24-1/2 x 29-1/2 (889 x 622 x 7507)	191 (86.6)