

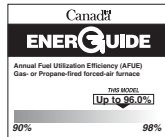
N96VSN

Up to 96% AFUE, Variable Speed, Single-Stage, Gas Furnace



Easier to Sell

- Up to 96.0% AFUE in upflow and horizontal positions 95% AFUE in downflow position
- Variable-speed, Constant-Torque ECM blower motor for extra SEER boost with select cooling equipment
- Supports single- and two-stage cooling units
- Dehumidification feature in cooling
- All size can be installed in California air quality management districts with a 40 ng/J NOx emission limit.
- 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 sensor 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

Quieter

- Variable speed, constant airflow ECM blower motor
- Fully insulated steel cabinet

Easy-to-Install and Service

- Direct vent (2-pipe), single-pipe venting or ventilated combustion air
- 24 VAC humidifier terminal
- Electronic air cleaner terminal
- 35" (889mm) high, for ease of installation
- Quarter turn 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
- Twelve different venting configurations
- Twinning capable with accessory kit on select models
- 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

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

Unit Performance Data

Model Number	Heating Input (MBTUH)	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				
N96VSN0401410A	40,000	96.0%	95.0%	•	1030	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	123.0 (55.8)
N96VSN0401712A	40,000	96.0%	95.0%	•	1105	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	136.0 (61.7)
N96VSN0601412A	60,000	95.0%	95.0%	•	1115	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	132.0 (59.9)
N96VSN0601714A	60,000	96.0%	95.0%	•	1555	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	146.0 (66.2)
N96VSN0801716A	80,000	96.0%	95.0%	•	1655	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	150.0 (68.0)
N96VSN0802120A	80,000	96.0%	95.0%	•	2090	35 x 21 x 29-1/2 (889 x 533 x 750)	161.0 (73.0)
N96VSN1002120A	100,000	96.0%	95.0%	•	2160	35 x 21 x 29-1/2 (889 x 533 x 750)	170.0 (77.1)
N96VSN1202422A	120,000	96.0%	95.0%	•	2250	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	189.0 (85.7)