

F96VTN

Up to 96% AFUE, Variable-speed, Two-Stage Gas Furnace



Easier to Sell

- Up to 96% AFUE in upflow and horizontal positions
- 95% AFUE in downflow position
- Two-stage heating operation
- Variable-speed, constant torque ECM blower for extra SEER boost with select cooling equipment
- Supports single- and two-stage cooling units
- Dehumidification feature in cooling
- 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

Limited Warranty*

- 5-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.

Tougher

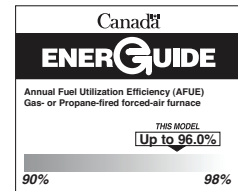
- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ® primary heat exchanger
- Stainless steel secondary heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor

Quieter

- Operates in low stage heating for longer for quieter operation
- Two-speed induced draft combustion blower
- Variable-speed, constant torque 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
- At least 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 (model sizes 0601714, 0801716, 1002120, 1202422)
- 5 ton sizes (sizes 0802120, 1002120) allow 15 Amp breaker with accessory (order separately)



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				
F96VTN0401410	40,000	95.0%	95.0%	•	445 - 1030	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	123 (55.8)
F96VTN0401712	40,000	96.0%	95.0%	•	400 - 1105	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	133 (60.3)
F96VTN0601412	60,000	95.0%	95.0%	•	445 - 1115	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	132 (59.9)
F96VTN0601714	60,000	96.0%	95.0%	•	210 - 1475	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	139 (63.0)
F96VTN0801716	80,000	96.0%	95.0%	•	360 - 1655	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	147 (66.7)
F96VTN0802120	80,000	96.0%	95.0%	•	440 - 2005	35 x 21 x 29-1/2 (889 x 533 x 750)	156 (70.7)
F96VTN1002120	100,000	96.0%	95.0%	•	405 - 2005	35 x 21 x 29-1/2 (889 x 533 x 750)	170 (77.1)
F96VTN1202422	120,000	96.0%	95.0%	•	505 - 2190	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	190 (86.2)