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Extinguishing mediocrity online since 1999

Obadiah's • 406-300-1776

NAPOLEON



9600 SERIES GAS FURNACES
napoleonheatingandcooling.com



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SureView BURNER SYSTEM

Patented SureView burner system window allows a unique view of the flames in operation, a first in the industry.

INSTALLATION OPTIONS - *flexfit*



Upflow



Horizontal right



Horizontal left



Downflow



9600 Series Gas furnace combo with
Napoleon's Hybrid wood furnace and the
HMFk-GT Transition kit

EASY INSTALLATION & MAINTENANCE

- Factory-fired and tested for trouble-free start-ups
- Self-diagnostic integrated furnace (IFC) control is mounted between the blower rails for easy accessibility
- Multiple intake/venting, gas pipe and electrical connection options
- Shortest 96%+ AFUE furnace on the market with 32 7/8" height and offering two cabinet width sizes, 17 1/2" and 22 1/2"
- Multi-position (upflow, horizontal and downflow) for versatile installations
- Zero clearance in all positions with no additional kits, provides installation ease in closets and alcoves
- Direct vent (two pipe) and single vent (one pipe) certified with optional concentric venting
- Integrated furnace control board manages all operational functions and accommodates hook-ups for a humidifier, HRV and electronic air cleaner
- For use with single or two-stage thermostats
- Easily installed in all four positions with no additional kits required
- Simple conversion to propane
- Interior condensate trap for left or right drainage options
- Clear condensate collector to view furnace performance

Superior Combinations

At the 2012 HPBExpo Vesta Awards in Atlanta Georgia, Napoleon's Wood/Gas Furnace Combination was honoured with winning the Central Heating Systems Category Award and went on to win the prestigious Daniel J. Melcon Award for Best-in-Show – Hearth Products. The Combo Furnace won for its industry first design, green technology and fuel saving capabilities.



PROUDLY MADE IN CANADA FOR NORTH AMERICAN WINTERS

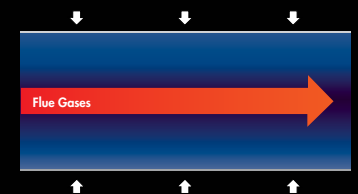
ENERGY SAVINGS AND COMFORT

Napoleon's 9600 Series is one of the most stylish and efficient furnaces on the market. Available with either a two stage variable speed Eon ECM blower motor, or Endura Pro ECM motor, Napoleon's 9600 Series furnace will meet all your heating needs. The 9600 Series uses the first, low-fire stage for greater efficiency throughout the heating season. During colder days, the furnace automatically switches to the high fire, second stage to produce additional heat for your home. This effective two stage system is like having two furnaces in one. Napoleon's superior engineering and design guarantees consistent and comfortable temperatures throughout your home for many winters to come. With the 9600 Series furnace, you'll forget it's winter.

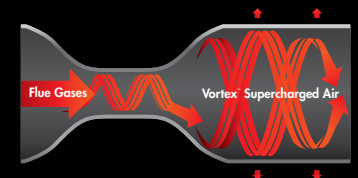


EXCHANGER COMPARISON

Conventional Heat Exchanger
Hot air radiating 700°



Patented Vortex™ Technology Heat Exchanger
Hot air radiating 800°



Vortex™ turbulator inside the heat exchanger increases efficiency by disrupting the natural airflow which extracts the maximum heat from the flue gases.

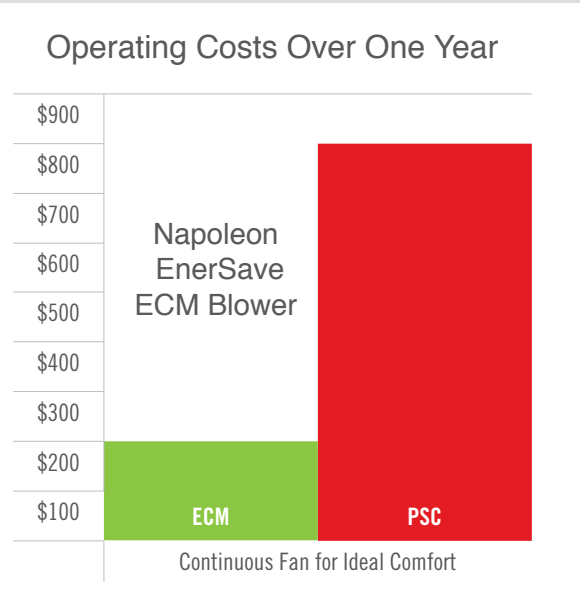
The logo for Vortex, featuring the word 'vortex' in a stylized blue font with a red circular graphic element above the 'o'.

VARIABLE SPEED (ECM) TECHNOLOGY

ECM=Electronically Commutated Motor

Napoleon's 9600 Series gas furnace line up offers two models options. All NSX models are made with an efficient ECM Endura Pro motor, while NPV models are made with ECM Eon motors. Both offer reduced electrical consumption and quiet operation. Consult with your HVAC technician to determine which ECM motor best suits your needs.

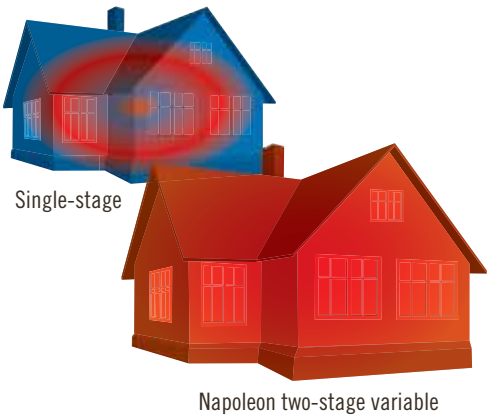
Napoleon's EnerSave ECM motor reduces electrical consumption by up to 80% over conventional blower motors



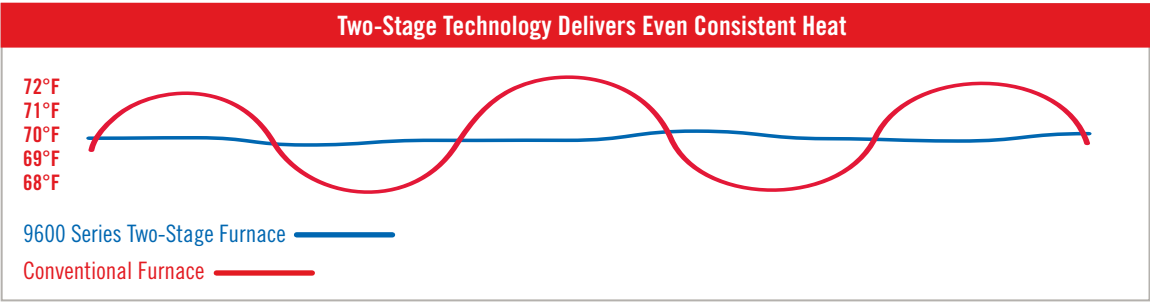
AIR COMFORT

A two-stage furnace runs longer with 'first-stage' lower levels of operation (60% versus 100%), offering many advantages:

1. Quiet operation- blower runs at 60% on first stage for most of the year.
2. Better circulation- blower runs longer and continuously to push air evenly to the farthest corners of your home.
3. Balanced temperature- no more hot or cold spots. The 9600 Series furnace continually runs on the first stage setting. This achieves even, balanced temperature as the furnace does not turn off repeatedly.
4. Higher efficiency- operating at 60% heating capacity in the first stage setting saves fuel and money.



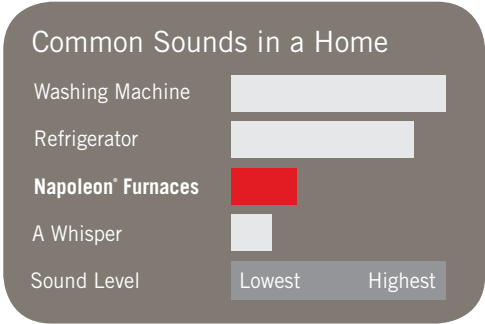
TWO-STAGE TECHNOLOGY



WHISPER QUIET™ OPERATION FEATURES

Customers indicated that noise level is an important factor in their satisfaction with a furnace. Napoleon® furnaces are designed to be WHISPER QUIET ensuring the ultimate experience. The 9600 Series furnace Eon blower motors gradually increase speed, reducing the initial rush of air and noise created by conventional motors.

- Sound absorbing blower compartment insulation
- Dynamically balanced blower

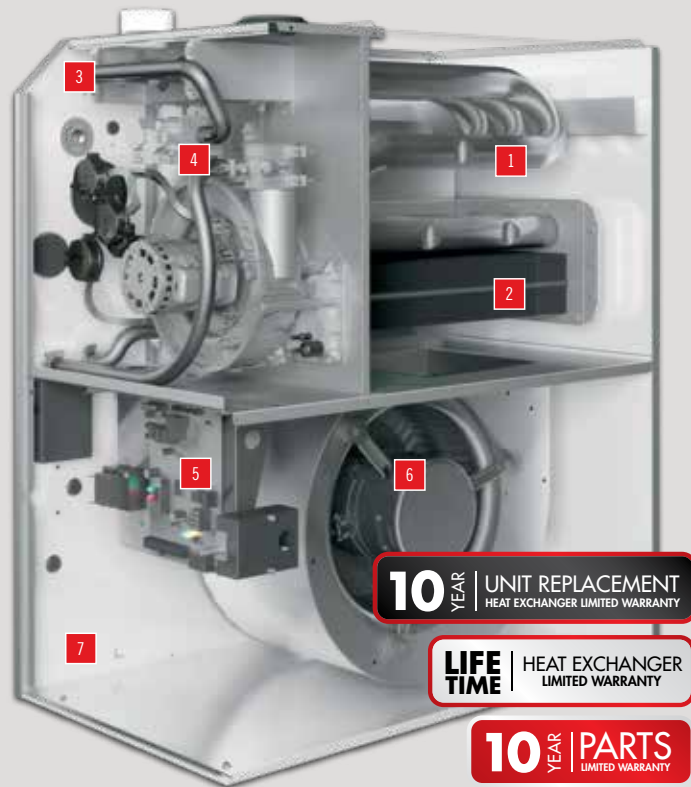
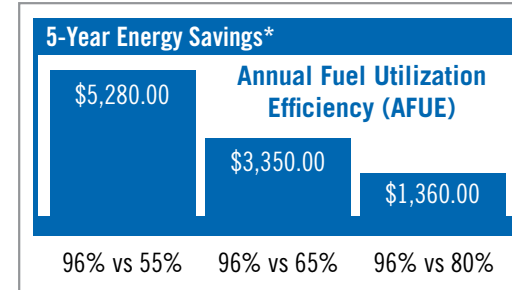


ANNUAL FUEL UTILIZATION EFFICIENCY

96% + AFUE translates into significantly lower fuel bills

Higher AFUE = More comfort for every dollar spent. The Annual Fuel Utilization Efficiency (AFUE) measures the amount of fuel converted to space heat in proportion to the amount of fuel entering the furnace. This is commonly expressed as a percentage. AFUE works much like the miles-per-gallon rating on a car - the higher the rating, the lower the fuel costs.

*If a furnace is 25 years old or older, chances are that it has a rating of only 55% to 65% AFUE.



10 YEAR | UNIT REPLACEMENT
HEAT EXCHANGER LIMITED WARRANTY

LIFE TIME | HEAT EXCHANGER
LIMITED WARRANTY

10 YEAR | PARTS
LIMITED WARRANTY

*See warranty for details

1. Corrosion Resistant Heavy Gauge Aluminized-Steel Tubular Triple-Pass Heat Exchanger

- Controlled wrinkle-bend design of heat exchanger creates tubes with consistent thickness and no weak areas
- Each row of tubes is offset to increase turbulence in the airflow and maximize heat transfer

2. Stainless Steel Heat Recovery Coil

- Extracts the remaining heat from the flue gases once they exit the triple-pass heat exchanger
- Backed by our President's Limited Lifetime and Limited Replacement Guarantee

3. Aluminized Multi-Port in Shot Burners

- Perfectly shapes the flame cone for maximum flame efficiency

4. Two-Stage Gas Valve

- First/low-stage operates at 60% of full capacity for optimum fuel efficiency on most days
- Second/high-stage provides maximum heat for bitter cold days and quick recovery from thermostat set back

5. Self Diagnostic Integrated Furnace Control (IFC)

- Contains LED service indicator lights to ensure quick and accurate service diagnosis
- Constantly monitors all safety devices
- Interfaces with additional home comfort products using simple plug-in connections

6. Electronically Commutated Motor (ECM)

- Reduces electrical consumption by up to 80% over conventional blower motors
- Soft-start soft-stop operation reduces noise levels by gradually increasing motor RPM's at start-up and ramping down slowly on shut down
- On continuous fan speed, the ECM motor consumes 60-80 watts compared to 400 watts for a conventional motor, reducing electrical consumption up to 80%.
- WHISPER QUIET[™] operation
- Blower is easily removed for servicing with the removal of two screws and three plug-in electrical connectors

7. Durable Sound Reducing Insulated Cabinet

- Acoustically insulated blower compartment & thermally insulated heat exchanger compartment for quiet operation and reduced clearance to combustibles

SPECIFICATIONS

COMPARISON CHART

Series	Efficiency (AFUE)	Single Stage	Two-Stage	SureView Window	PSC Motor	Endura Pro Motor	ECM EnerSave EON Motor	Primary Stainless Steel Heat Exchanger	Secondary Stainless Steel Heat Exchanger	LED Cabinet Lights	Built-in UV Light Air Purifier	Four-Sided Insulated Cabinet	Made In Canada
9700	97%		•	•			•	•	•	•	•	•	•
9600	96%		•	•		•	•		•				•
9500	95%	•			•	•			•				•
9200	92.10%	•			•	•			•				•

HEATING CAPACITIES	NPV040T2B	NPV060T3B	NPV080T3B	NPV080T4B	NPV100T5B	NPV120T5B	NSX040T2B	NSX060T3B	NSX080T3B	NSX080T4B	NSX100T5B	NSX120T5B
Efficiency (AFUE)	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
Input (High fire) BTU/hr 0-4500'	40,000	60,000	80,000	80,000	100,000	120,000	40,000	60,000	80,000	80,000	100,000	120,000
Input (Low fire) BTU/hr 0-4500'	24,000	36,000	48,000	48,000	60,000	72,000	24,000	36,000	48,000	48,000	60,000	72,000
CABINET DIMENSIONS (INCHES)	NPV040T2B	NPV060T3B	NPV080T3B	NPV080T4B	NPV100T5B	NPV120T5B	NSX040T2B	NSX060T3B	NSX080T3B	NSX080T4B	NSX100T5B	NSX120T5B
Width (in)	17 1/2	17 1/2	17 1/2	22 1/2	22 1/2	22 1/2	17 1/2	17 1/2	17 1/2	22 1/2	22 1/2	22 1/2
Depth (in)	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2
Height (in)	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8	32 7/8
VENTING *	NPV040T2B	NPV060T3B	NPV080T3B	NPV080T4B	NPV100T5B	NPV120T5B	NSX040T2B	NSX060T3B	NSX080T3B	NSX080T4B	NSX100T5B	NSX120T5B
Clearances to Combustibles	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Vent Size (in)	1 1/2	1 1/2	2	2	2	3	1 1/2	1 1/2	2	2	2	3
Maximum Vent Size (in)	2	3	3	3	3	3	2	3	3	3	3	3
Minimum Vent Length (ft)	15	15	15	15	15	15	15	15	15	15	15	15
Maximum Vent Length (ft)	75	100	100	100	100	100	75	100	100	100	100	100
AIRFLOW AND COOLING	NPV040T2B	NPV060T3B	NPV080T3B	NPV080T4B	NPV100T5B	NPV120T5B	NSX040T2B	NSX060T3B	NSX080T3B	NSX080T4B	NSX100T5B	NSX120T5B
Motor Type and Size EON	1/3 hp	1/2 hp	1/2 hp	3/4 hp	3/4 hp	1 hp	-	-	-	-	-	-
Motor Type and Size Endura Pro	-	-	-	-	-	-	1/3 hp	1/2 hp	1/2 hp	3/4 hp	3/4 hp	1 hp
AC Tonnages	1 1/2, 2, 2 1/2	1 1/2, 2, 2 1/2, 3	1 1/2, 2, 2 1/2, 3	2, 2 1/2, 3, 4	2, 3, 4, 5	2, 3, 4, 5	1 1/2, 2, 2 1/2	2, 2 1/2, 3	2, 2 1/2, 3	2, 3, 4	3, 4, 5	3, 4, 5

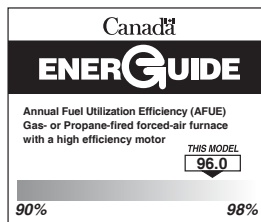
*Certified for single or two pipe installation (direct vent)

Authorized Dealer



24 Napoleon Road, Barrie, Ontario, Canada L4M 0G8
103 Miller Drive, Crittenden, Kentucky, USA 41030
7200 Trans Canada Highway, Montreal, Quebec, Canada H4T 1A3

Tel: 866-820-8686 Fax: 705-725-1150
napoleonheatingandcooling.com



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