



1-800-968-8604

*Extinguishing mediocrity online since 1999*

# NAPOLEON



9700 SERIES GAS FURNACES  
[napoleonheatingandcooling.com](http://napoleonheatingandcooling.com)





# SureView BURNER SYSTEM

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

## EXCLUSIVE NAPOLEON® FEATURES



Built-in LED Lights in upper and lower compartments automatically turn on when blower door is opened



Ultra Violet Light Air Purifier to improve indoor air quality by preventing bacterial growth, comes standard

## EASY INSTALLATION & MAINTENANCE

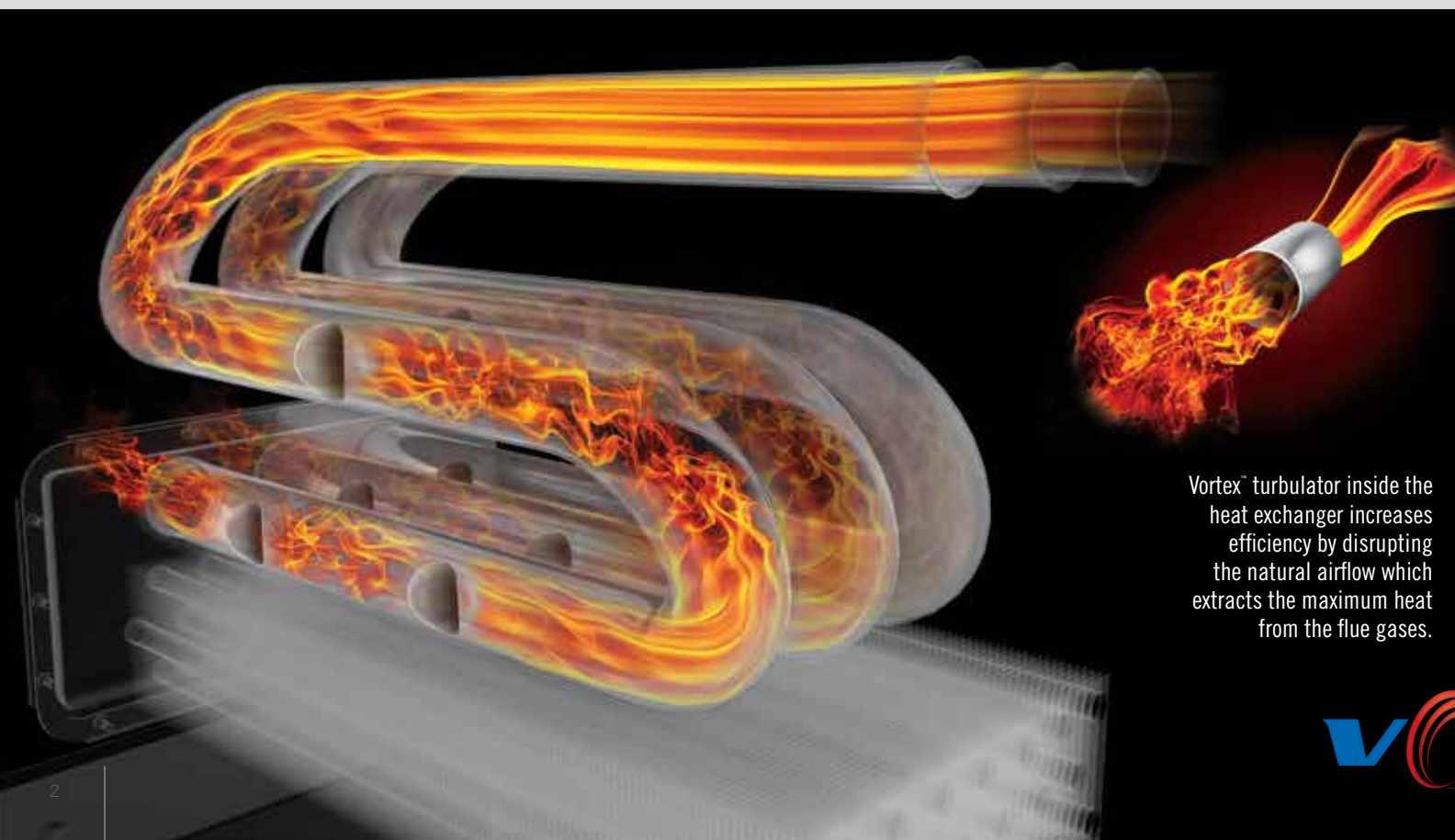
- Upflow only
- Factory-fired and tested for trouble-free start-ups
- Self-diagnostic integrated furnace (IFC) control is mounted between the blower rails for easy accessibility
- Multiple intake/venting, gas pipe and electrical connection options
- Shortest 97%+ AFUE furnace on the market with 32 7/8" height, offering two cabinet width sizes 17 1/2" and 22 1/2", and two depth sizes 29 1/2" and 31"
- Zero clearance 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
- Napoleon® Elite Communicating Thermostat ready
- Manufactured for natural gas, propane conversion kit available
- Interior condensate trap for left or right drainage options
- Clear condensate collector to view furnace performance
- Models range from 40,000 BTU's up to 120,000 BTU's



# PROUDLY MADE IN CANADA FOR NORTH AMERICAN WINTERS

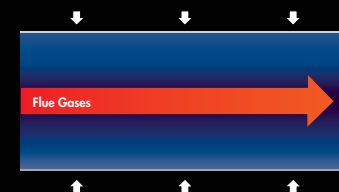
## ENERGY SAVINGS AND COMFORT

Napoleon's Ultimate 9700 Series is the most stylish furnace in the industry. Featuring a two-stage gas valve and a variable speed, energy efficient ECM blower motor, the Ultimate 9700 Series will meet all your heating needs. The two-stage system creates a consistent, comfortable temperature throughout your home. The furnace will operate on the first, low fire stage for greater efficiency and comfort for most of the heating season. On 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 reliable and efficient heat for years to come. With the Ultimate 9700 Series furnace, you'll forget it's winter.

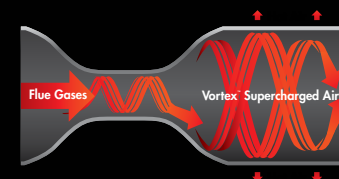


### EXCHANGER COMPARISON

**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.

**vortex**  
TURBULATOR

# VARIABLE SPEED (ECM) TECHNOLOGY

ECM=Electronically Commutated Motor

Napoleon's 9700 Series gas furnaces are made with an efficient ECM Eon motor, for reduced electrical consumption and quiet operation. The ECM Eon motor has Soft Start & Soft Stop technology to reduce sudden gusts of air throughout your home.

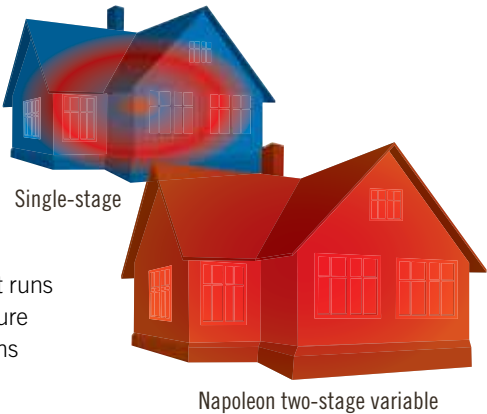
Napoleon's EnerSave ECM motor reduces electrical consumption by up to 80% over conventional blower motors



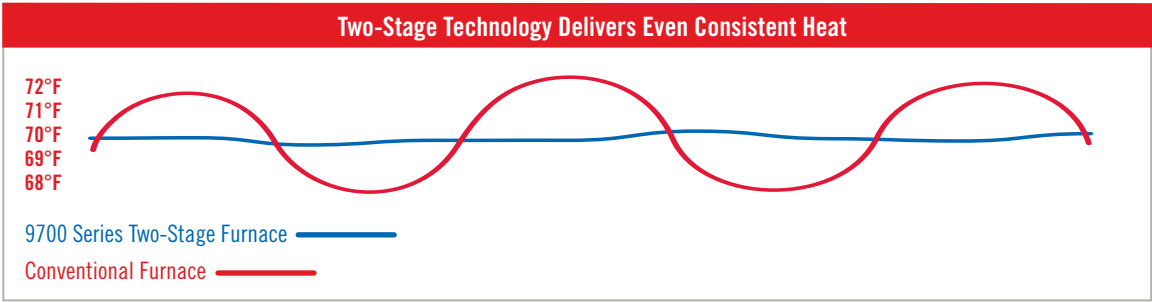
# AIR COMFORT

A two-stage furnace runs longer at lower levels of operation (60% versus 100%). This gives you many advantages:

1. Quiet operation- blower runs at 60% on first stage for most of the year.
2. Better circulation- blower runs longer and constant to push air evenly throughout the farthest reaches of your home.
3. Balanced temperature- no more "hot" or cold spots. Since the unit runs at lower heat constantly, you will achieve even, balanced temperature rather than sudden bursts of high heat and then sudden cool downs when the furnace turns off repeatedly.
4. Higher efficiency operating at 60% of heating capacity on first stage, saving you fuel and money.

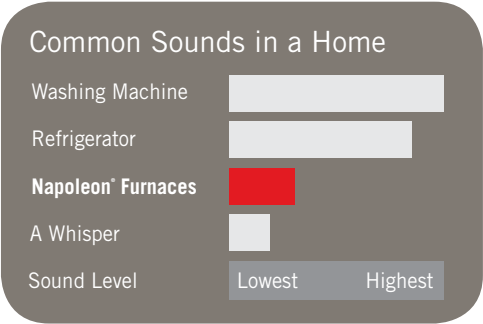


# TWO-STAGE TECHNOLOGY



# WHISPER QUIET™ OPERATION FEATURES

- Customers indicated that noise level is an important factor in their satisfaction with a furnace, so Napoleon® furnaces are designed to be "WHISPER QUIET".
- The ultra high efficiency ECM variable speed blower motor with "soft start" gradually increases speed reducing the initial rush of air and noise created by conventional motors.
- Sound absorbing blower compartment insulation
  - SILENTCORE™ technology, the only four-sided insulated cabinet
  - Dynamically balanced blower



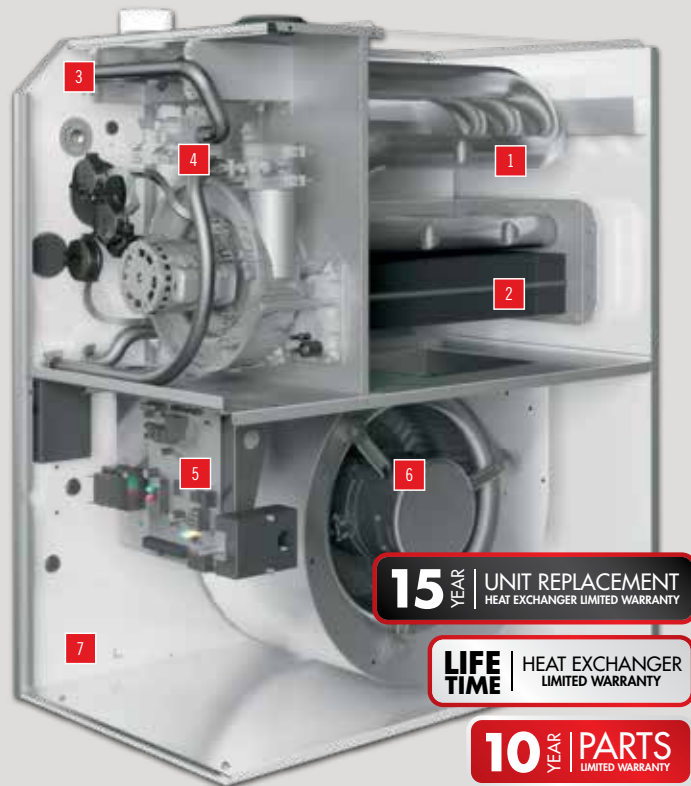
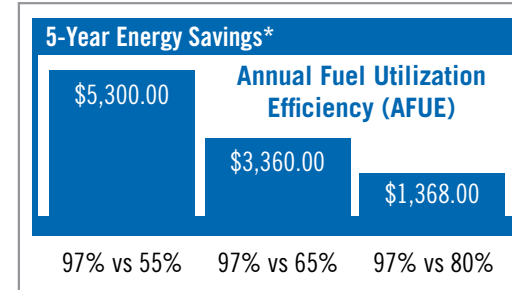


# ANNUAL FUEL UTILIZATION EFFICIENCY

97% + 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.



\*See warranty for details

## 1. Commercial Grade Stainless Steel Tubular Triple-Pass Heat Exchanger

- Controlled wrinkle-bend design of heat exchanger creates tubes with consistent thickness and no weak areas
- Highly-efficient triple pass tubular design has a large surface area to 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
- Increases efficiency by evenly distributing the remaining heat to the coil's large fins

## 3. Aluminized Multi-Port in Shot Burners

- Corrosion resistant burners that perfectly shape the flame cone for maximum flame efficiency

## 4. Two-Stage Gas Valve

## 5. Self Diagnostic Integrated Furnace Control (IFC)

- Contains LED service indicator lights to ensure quick and accurate service calls
- Built in LED lights in upper and lower compartments automatically turn on when bottom door is opened for servicing
- Interfaces with additional home comfort products using simple plug-in connections
- Mounted between the blower rails for easy accessibility
- Ultra Violet Light Air Purifier to improve indoor air quality

## 6. Electronically Commutated Motor (ECM)

- On continuous fan speed, the ECM motor consumes 60-80 watts compared to 400 watts for a conventional motor
- 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
- WHISPER QUIET operation

## 7. Durable Sound Reducing Insulated Cabinet

- Baked-on powder coat paint resists scratching and corrosion (no sharp edges)
- Acoustically insulated blower compartment & thermally insulated heat exchanger compartment for quiet operation and reduced clearance to combustibles
- WHISPER QUIET operation with SILENTCORE™ technology, the only four-sided insulated cabinet



Fireplace Inserts • Patioflame® • Gas Fireplaces • Charcoal Grills • Wood Stoves  
Heating & Cooling • Electric Fireplaces • Outdoor Fireplaces • Gas Grills

## SPECIFICATIONS

### COMPARISON CHART

| Series | Efficiency (AFUE) | Single Stage | Two-Stage | SureView Window | PSC Motor | Endura Pro ECM Motor | Eon ECM 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               | NUV040T2B       | NUV060T3B          | NUV080T3B          | NUV080T4B      | NUV100T5B  | NUV120T5B  |
|----------------------------------|-----------------|--------------------|--------------------|----------------|------------|------------|
| Efficiency (AFUE)                | 97%             | 97%                | 97%                | 97%            | 97%        | 97%        |
| Input (High fire) BTU/hr 0-4500' | 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     |
| CABINET DIMENSIONS (INCHES)      | NUV040T2B       | NUV060T3B          | NUV080T3B          | NUV080T4B      | NUV100T5B  | NUV120T5B  |
| Width (in)                       | 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             | 31             | 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     |
| VENTING *                        | NUV040T2B       | NUV060T3B          | NUV080T3B          | NUV080T4B      | NUV100T5B  | NUV120T5B  |
| Clearances to Combustibles       | 0               | 0                  | 0                  | 0              | 0          | 0          |
| Minimum Vent Size (in)           | 1 1/2           | 1 1/2              | 2                  | 2              | 2          | 3          |
| Maximum Vent Size (in)           | 2               | 3                  | 3                  | 3              | 3          | 3          |
| Minimum Vent Length (ft)         | 15              | 15                 | 15                 | 15             | 15         | 15         |
| Maximum Vent Length (ft)         | 75              | 100                | 100                | 100            | 100        | 100        |
| AIRFLOW AND COOLING              | NUV040T2B       | NUV060T3B          | NUV080T3B          | NUV080T4B      | NUV100T5B  | NUV120T5B  |
| Motor Type and Size ECM EON      | 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 |

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

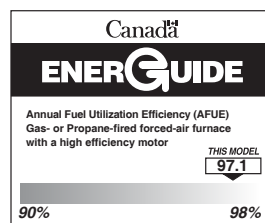


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Authorized Dealer



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Printed in Canada  
ADBRRHVAC97-0815