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# Napoleon WUV080T4BA-N Owner's Manual

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# NAPOLÉON

9700 SERIES GAS FURNACES



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

# THINK DIFFERENT. THINK NAPOLEON.

Napoleon's Ultimate 9700 Series is the most stylish, advanced furnace in the industry and 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 most of the heating season. On colder days, the furnace automatically switches to the high fire, second stage to produce a more comfortable temperature. The effective two-stage system is like having two furnaces in one. Napoleon's superior engineering and design guarantees reliable and efficient performance.

With the Ultimate 9700 Series furnace, you'll forget it's winter.

**That's Napoleon.**



Vortex™ turbulator inside the heat exchanger increases efficiency by disrupting the natural air flow, which extracts the maximum heat from the flue gas.

Napoleon's heat exchangers are modular and removable to enable easy servicing and cleaning.



# IT LOOKS DIFFERENT BECAUSE IT *IS* DIFFERENT.



In an otherwise stagnant field, only one brand of furnace is bringing innovation to the HVAC world. Napoleon's Ultimate 9 because it is different. The revolutionary Vortex turbulator<sup>®</sup> increases heating efficiency, the ultra violet light purifies air and a window shows the flames in operation as the furnace runs whisper quiet. Don't get boxed in by outdated

## SUREVIEW BURNER SYSTEM

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





# CLEAN AIR TECHNOLOGY

## HOMESHIELD ULTRA-VIOLET AIR PURIFICATION

Napoleon's Ultimate 9700 Series includes a HomeShield UV lamp inside the furnace cabinet. This allows the air passing through the furnace to be purified with HomeShield's UV technology before it circulates through your home.



HomeShield uses chemical free, ultra-violet light to intercept airborne pathogens like allergens and dust mites. It halts bacterial growth from recurring and helps to maintain healthy air in your home.

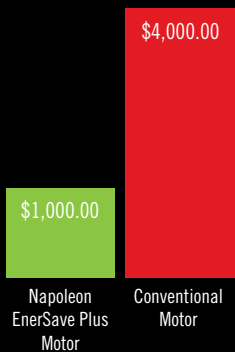


# ENERGY SAVINGS & COMFORT

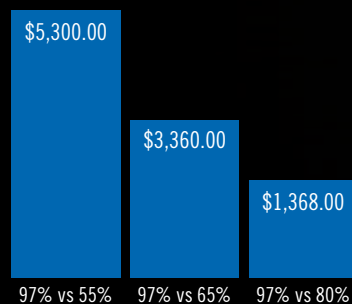
## ANNUAL FUEL UTILIZATION EFFICIENCY (AFUE)

AFUE works much like the miles-per-gallon rating on a car - the higher the rating, the lower the fuel costs. The Annual Fuel Utilization Efficiency (AFUE) measures the amount of comfort for every dollar spent. If a furnace is 25 years old or more, it could have a rating as low as 55% to 65% AFUE, compared to a new Napoleon Ultimate 9700 Series' 97%.

Cost Comparison of Motors  
Over Five Years



Cost Comparison of Operating Your Furnace  
Over Five Years



**97% + AFUE MEANS  
SIGNIFICANTLY  
LOWER FUEL BILLS**



# MODULAR

## INDIVIDUAL COMPONENTS

Napoleon's innovative modular cleaning. With a removable h...

servicing a Napoleon furnace

## FUTURE READY

### WIFI CAPABLE

Napoleon's Ultimate 9700 Series is compatible with smart thermostat technology. Easily paired with a wide variety of thermostats and control boards, the Ultimate 9700 is compatible with your home.



COMFORT CONTROLS FROM  
WHEREVER YOU ARE

## SPOTLIGHTS

### LED CABINET LIGHTS

Napoleon's Ultimate 9700 Series includes LED lights inside the furnace cabinet will automatically turn on when the front panels are removed.



INTERIOR LIGHTING FOR  
BETTER VISIBILITY

## WHISPER QUIET

### SOUND PROOF CABINET

Napoleon's Whisper Quiet™ EnerSave Plus motor will 'soft start' & 'soft stop' to gradually change speed, reducing the rush of noise created by conventional motors. Napoleon's Ultimate 9700 Series is built with a fully insulated cabinet to ensure your furnace is no louder than a whisper.



### COMMON SOUNDS IN A HOME



## VARIABLE SPEED

### TECHNOLOGY

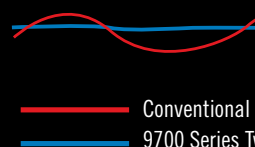
Napoleon's EnerSave Plus motor uses variable speed technology. A two-stage furnace runs longer at lower capacity - 60% versus a single stage for most of the year, reduces electrical consumption by 60% versus single stage motors saving you fuel and money.



VARIABLE SPEED  
TECHNOLOGY

### TWO-STAGE TECHNOLOGY

72°F  
71°F  
70°F  
69°F  
68°F



# OUR DIFFERENCE IS IN THE DETAILS

## 7 WAYS TO COUNT ON THE BEST

### 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
- Vortex Turbulator
- Modular components for easy servicing

### 2 Stainless Steel Heat Recovery Coil

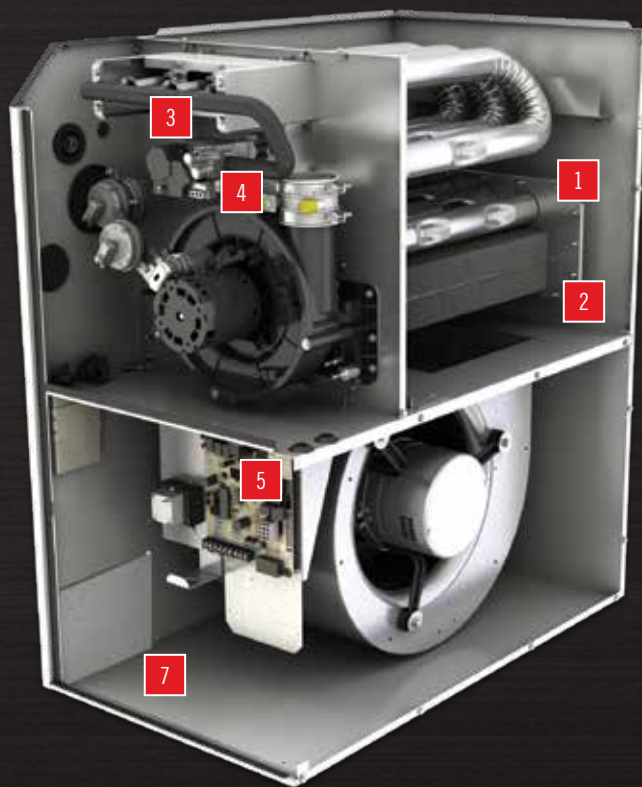
- Extracts the remaining heat from the flue gases once they exit the triple-pass heat exchanger
- Increases efficiency by evenly distributing the remaining heat to the coil's large fins

### 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

- Ensures comfort levels in the home are maintained while saving energy



### 5 Self Diagnostic

- Contains LED indicator for accurate service
- Built in LED indicator for automatic shut-off
- Interfaces with plug-in control
- Mounted between burners
- Ultra Violet light

### 6 Electronics

- Reduces electrical consumption
- Soft-start sequence increasing motor life on shut down
- On continuous operation watts compared to reducing electrical
- WHISPER QUIET

### 7 Durable So

- WHISPER QUIET the only four

**15** YEAR | UNIT REPLACEMENT  
HEAT EXCHANGER LIMITED WARRANTY

**LIFE TIME** | HEAT EXCHANGER  
LIMITED WARRANTY

**10** YEAR | PARTS  
LIMITED WARRANTY

\*See warranty for details

# ULTIMATE 9700 SERIES

## GAS FURNACES

### MODEL COMPARISON

Series	Efficiency (AFUE)	Single Stage	Two-Stage	SureView Window	PSC Motor	Endura Pro Motor	ECM EON Motor	Primary Stainless Steel Heat Exchanger	Secondary Stainless Steel Heat Exchanger	LED Cabinet Lights	Built-In Air
9700	97%		•	•			•	•	•	•	
9600	96%		•	•			•		•		
9500	95%	•				•			•		

### ULTIMATE 9700 SERIES SPECIFICATIONS

HEATING CAPACITIES	WUV040T2AA-N	WUV060T3AA-N	WUV080T3AA-N	WUV080T4BA-N	WUV010T4BA-N
Efficiency (AFUE)	97%	97%	97%	97%	97%
Input (High fire) BTU/hr 0-4500'	40,000	60,000	80,000	80,000	100,000
Input (Low fire) BTU/hr 0-4500'	24,000	36,000	48,000	48,000	60,000
CABINET DIMENSIONS (INCHES)	WUV040T2AA-N	WUV060T3AA-N	WUV080T3AA-N	WUV080T4BA-N	WUV010T4BA-N
Width (in)	17 1/2	17 1/2	17 1/2	22 1/2	22 1/2
Depth (in)	31	31	31	31	31
Height (in)	34	34	34	34	34
VENTING *	WUV040T2AA-N	WUV060T3AA-N	WUV080T3AA-N	WUV080T4BA-N	WUV010T4BA-N
Clearances to Combustibles	0	0	0	0	0
Minimum Vent Size (in)	1 1/2	1 1/2	2	2	2
Maximum Vent Size (in)	2.5	3	3	3	3
Minimum Vent Length (ft)	15	15	15	15	15
Maximum Vent Length (ft)	75	100	100	100	100
AIRFLOW AND COOLING	WUV040T2AA-N	WUV060T3AA-N	WUV080T3AA-N	WUV080T4BA-N	WUV010T4BA-N
Motor Size	1/3 hp	1/2 hp	1/2 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

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

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EnerSave Plus motor = Fully Variable Speed DC motor

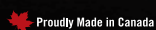
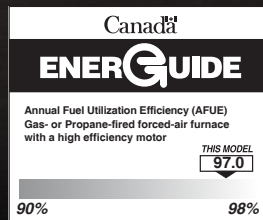


# NAPOLEON - CELEBRATING OVER 40 YEARS OF HOME COMFORT PRODUCTS



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Authorized Dealer

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