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NAPOLEON<sup>®</sup>

9200 SERIES GAS FURNACES  
[napoleonheatingandcooling.com](http://napoleonheatingandcooling.com)



PROUDLY ENGINEERED AND MADE IN CANADA FOR NORTH AMERICAN WINTERS

# ENERGY SAVINGS AND COMFORT

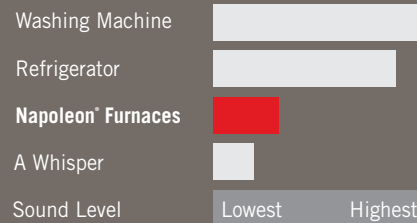
Napoleon's 9200 Series gas furnace is one of the smallest on the market. With today's households striving to achieve the highest energy savings, the 9200 Series is the perfect fit. Offering two model options that feature an Endura Pro ECM motor or a PSC motor, it's easy to pair one to your home. Napoleon's 9200 Series' boasts WHISPER QUIET operation, superior engineering and a sleek design. You'll enjoy the comforts of the 9200 Series gas furnace as it provides reliable, safe and efficient heat all winter long.

## 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".

- Thermal cabinet insulation
- Sealed vestibule compartment
- Dynamically balanced blower

### Common Sounds in a Home



## EASY INSTALLATION & MAINTENANCE

- Factory-fired and tested for trouble-free start-ups
- Self-diagnostic Integrated Furnace Control (IFC) is mounted between the blower rails for easy accessibility
- Integrated Furnace Control board manages all operational functions and accommodates hook-ups for a humidifier, HRV, and electronic air cleaner
- Multiple intake/venting, gas pipe and electrical connection options
- One of the smallest 92.1% AFUE furnaces on the market with 32 7/8" height and offering four cabinet width sizes: 14 1/2", 17 1/2", 21 and 24 1/2"
- Multi-position (upflow, horizontal right and left)
- Zero clearance in all positions, provides installation ease in closets and alcoves
- Direct vent (two pipe) and single vent (one pipe) certified with optional concentric venting kit
- Simple conversion to propane
- Certified to 4500 feet in Canada with no modification
- Interior condensate trap for left or right drainage options
- Clear condensate collector to view furnace performance
- Blower is easily removed for servicing with the removal of two screws and plug-in electrical connectors

## INSTALLATION OPTIONS

**flexfit**



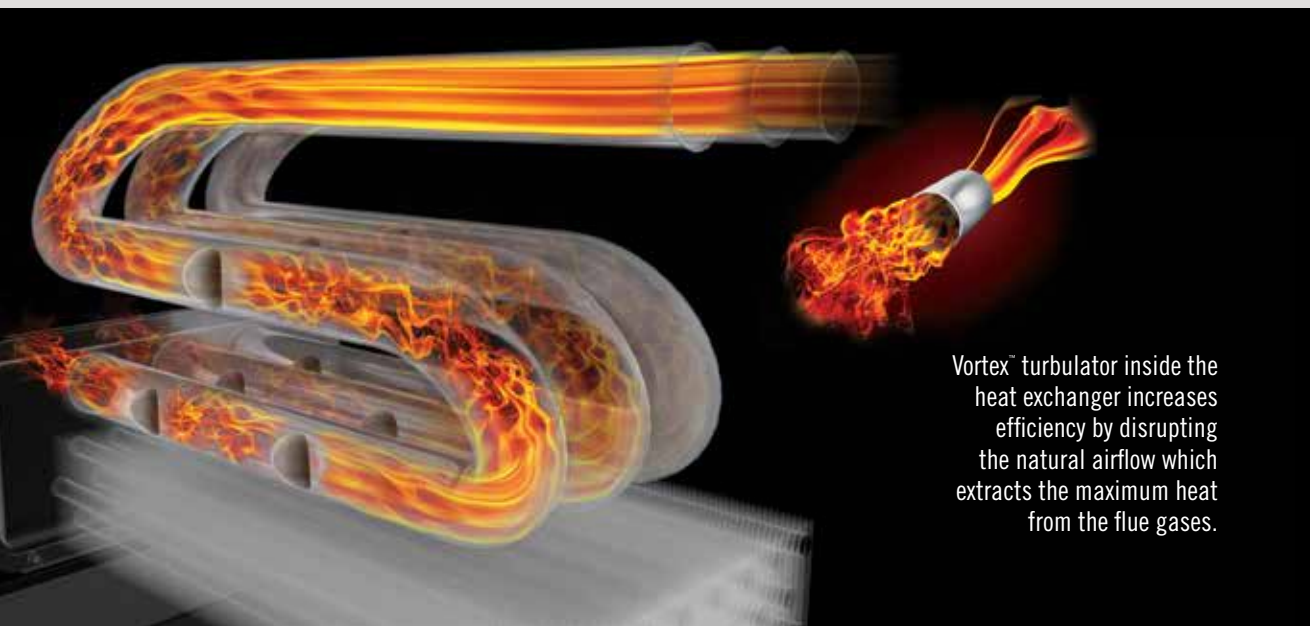
Upflow



Horizontal left



Horizontal right



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

## MULTI SPEED (PSC) TECHNOLOGY

PSC = Permanent Split Capacitor

Napoleon's 9200 Series NBM models feature an efficient multi-speed PSC motor. All Napoleon PSC motors achieve prompt start up with a dynamically balanced blower for quiet operation.

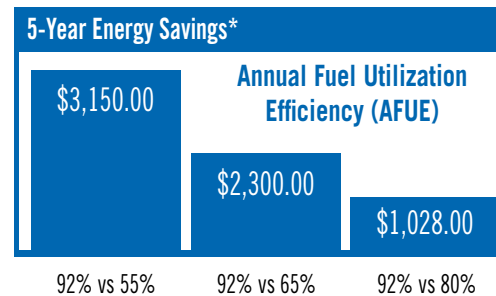
## ENDURA PRO ECM TECHNOLOGY

ECM = Electronically Commutated Motor

Napoleon's 9200 Series NBX models feature a multi-speed ECM Endura Pro motor which reduces electrical consumption by up to 80% over conventional blower motors. On continuous fan speed, the ECM Endura Pro motor consumes 60 - 80 watts compared to the 400 watts consumed by other motors.

## ANNUAL FUEL UTILIZATION EFFICIENCY

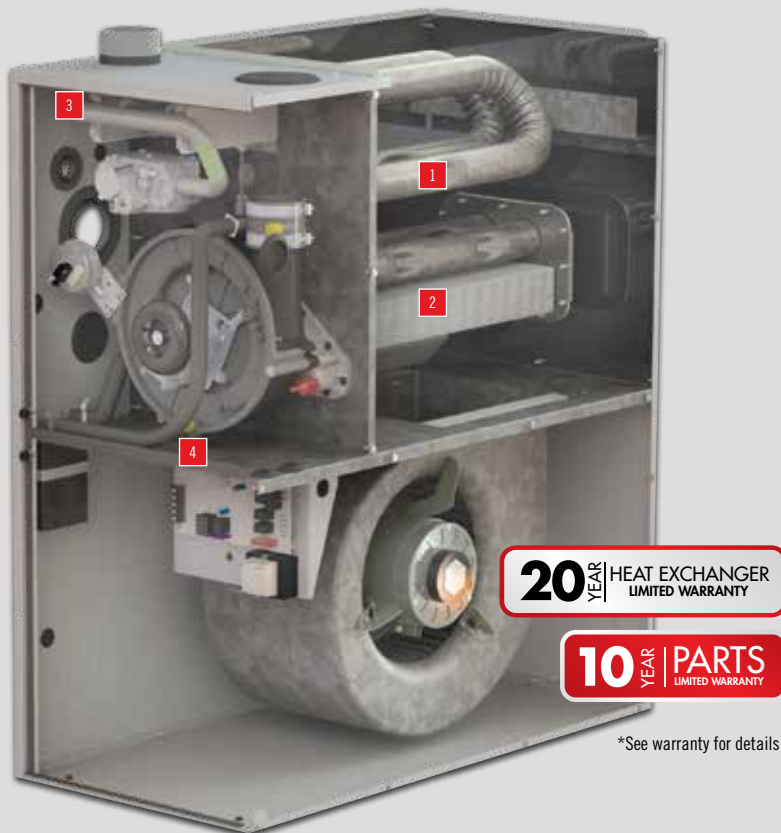
92% + AFUE translates into significantly lower fuel bills



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 fuel converted to space heat in proportion to the amount of fuel entering the furnace. This is commonly expressed as a percentage.

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

- Controlled wrinkle-bend design of heat exchanger creates tubes with consistent thickness
- Highly-efficient triple-pass tubular design has a large surface area to maximize heat transfer
- 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
- Increases efficiency by evenly distributing the remaining heat to the coil's large fins
- Heat Exchanger is backed by President's Limited Lifetime and Limited Replacement Guarantee

### 3. Aluminized Multi-Port in Shot Burners

- Corrosion resistant burners
- Perfectly shapes the flame cone for maximum flame efficiency

### 4. 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
- Mounted between the blower rails for easy accessibility

# 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%	•			•	•			•				•

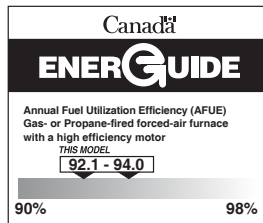
HEATING CAPACITIES	NBM030S2A	NBM040S2A	NBM040S3A	NBM060S2A	NBM060S3A	NBM080S3A	NBM080S4A	NBM100S4A	NBM100S5A	NBM120S5A	NBX030S2A	NBX040S2A	NBX040S3A	NBX060S2A	NBX060S3A	NBX080S3A	NBX080S4A	NBX100S4A	NBX100S5A	NBX120S5A	
Efficiency (AFUE)	94%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	94%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	92.1%	
Input BTU/hr 0-4500'	30,000	40,000	40,000	60,000	60,000	80,000	80,000	100,000	100,000	120,000	30,000	40,000	40,000	60,000	60,000	80,000	80,000	100,000	100,000	120,000	
Output BTU/hr 0-4500'	28,200	36,800	36,800	55,200	55,200	73,600	73,600	92,000	92,000	110,400	28,200	36,800	36,800	55,200	55,200	73,600	73,600	92,000	92,000	110,400	
CABINET DIMENSIONS (IN)	NBM030S2A	NBM040S2A	NBM040S3A	NBM060S2A	NBM060S3A	NBM080S3A	NBM080S4A	NBM100S4A	NBM100S5A	NBM120S5A	NBX030S2A	NBX040S2A	NBX040S3A	NBX060S2A	NBX060S3A	NBX080S3A	NBX080S4A	NBX100S4A	NBX100S5A	NBX120S5A	
Width (in)	14 1/2	14 1/2	17 1/2	14 1/2	17 1/2	17 1/2	21	21	24 1/2	24 1/2	14 1/2	14 1/2	17 1/2	14 1/2	17 1/2	17 1/2	21	21	24 1/2	24 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	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	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 *	NBM030S2A	NBM040S2A	NBM040S3A	NBM060S2A	NBM060S3A	NBM080S3A	NBM080S4A	NBM100S4A	NBM100S5A	NBM120S5A	NBX030S2A	NBX040S2A	NBX040S3A	NBX060S2A	NBX060S3A	NBX080S3A	NBX080S4A	NBX100S4A	NBX100S5A	NBX120S5A	
Clearances to Combustibles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Minimum Vent Size (in)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2	2	3	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2	2	3	
Maximum Vent Size (in)	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	
Minimum Vent Length (ft)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Maximum Vent Length (ft)	75	100	100	125	125	125	125	125	125	125	75	100	100	125	125	125	125	125	125	125	
AIRFLOW AND COOLING	NBM030S2A	NBM040S2A	NBM040S3A	NBM060S2A	NBM060S3A	NBM080S3A	NBM080S4A	NBM100S4A	NBM100S5A	NBM120S5A	NBX030S2A	NBX040S2A	NBX040S3A	NBX060S2A	NBX060S3A	NBX080S3A	NBX080S4A	NBX100S4A	NBX100S5A	NBX120S5A	
Motor Type and Size PSC	1/6 hp	1/6 hp	1/3 hp	1/3 hp	1/2 hp	1/2 hp	3/4 hp	3/4 hp	3/4 hp	3/4 hp	-	-	-	-	-	-	-	-	-	-	
Motor Type and Size ECM	-	-	-	-	-	-	-	-	-	-	1/3	1/3	1/2	1/3	1/2	1/2	3/4	3/4	3/4	1	
AC Tonnages	1 1/2, 2	1 1/2, 2	2, 3	1 1/2, 2	2, 3	2, 3	3, 4	3, 4	4, 5	4, 5	1 1/2, 2, 2 1/2	1 1/2, 2, 2 1/2	2, 2 1/2, 3	1 1/2, 2, 2 1/2	2, 2 1/2, 3	2, 2 1/2, 3	2, 3, 4	2, 3, 4	3, 4, 5	3, 4, 5	

\*See table 4 in manual for all venting configurations



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