

PROUDLY ENGINEERED IN CANADA FOR NORTH AMERICAN WINTERS
ENERGY SAVINGS AND COMFORT

The 9500 Series are Single Stage High Efficient Gas Furnaces with either a multi-speed PSC motor (NSM models), or a ECM X-13 motor (NSX models). All furnaces are 95% AFUE (Annual Fuel Utilization Efficiency). With superior design and engineering these furnaces provide reliable, safe and efficient heat for your home. The 9500 Series furnaces are small in stature but big in performance. With 10 models to choose from there is one perfectly fitted for your home.

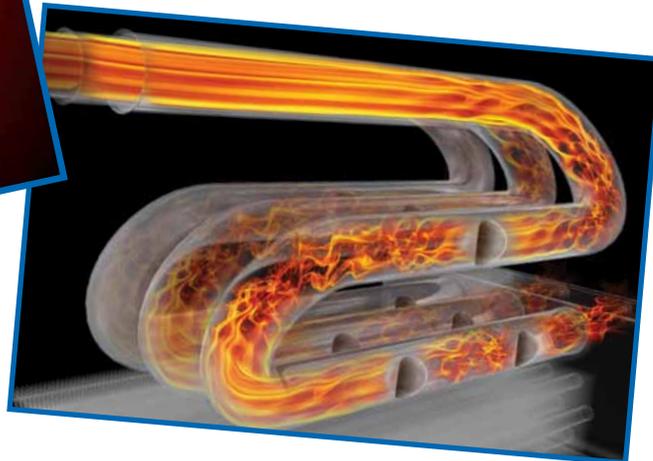
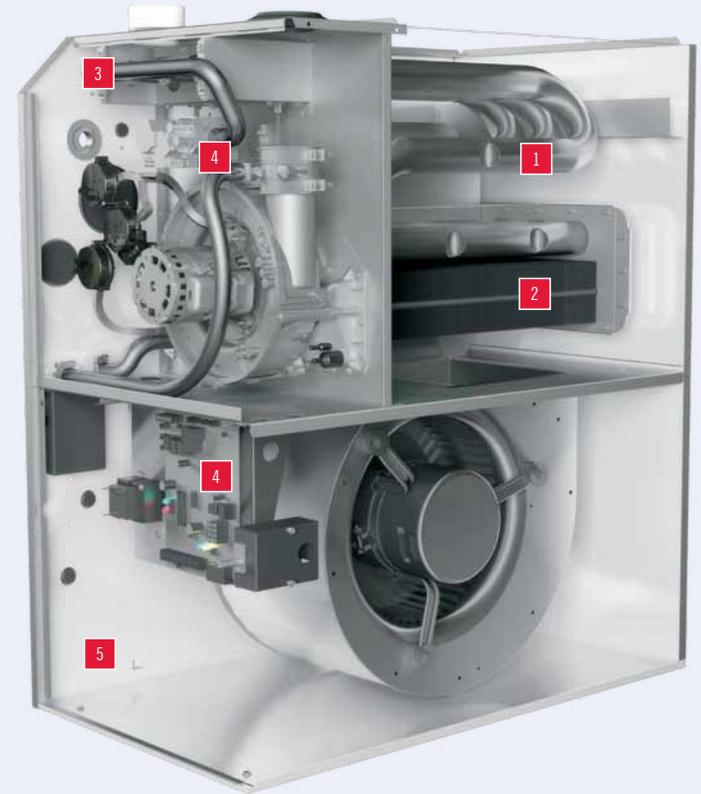
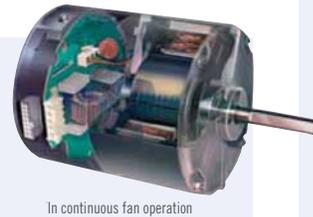
NSM MODELS

- 95% AFUE
- 32 7/8" Cabinet height
- Multi-position
- Multi-speed PSC Motor

NPX MODELS

Includes all NSM Model features plus...

- Electronically Commutated Motor (ECM)
- Reduces electrical consumption by up to 80% over conventional blower motors'
- On continuous fan speed, the ECM motor consumes 60 - 80 watts compared to 400 watts for a conventional motor



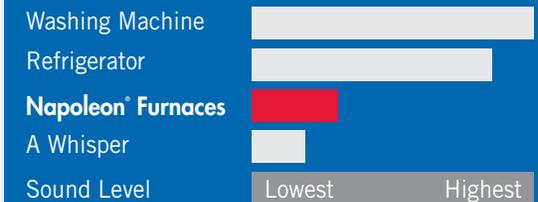
Vortex™ turbulator inside the heat exchanger increases efficiency by disrupting the natural airflow which extracts the maximum heat from the flue gases.

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".

- Sound absorbing cabinet insulation
- Sealed burner compartment
- Dynamically balanced blower

Common Sounds in a Home



HIGH EFFICIENCY

- 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
 - 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
- 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
 - The Heat Exchanger is backed by our President's Limited Lifetime and Limited Replacement Guarantee* for your peace of mind
- Aluminized Multi-Port in Shot Burners
 - Corrosion resistant burners
 - Perfectly shapes the flame cone for maximum flame efficiency

HIGH QUALITY COMPONENTS

- Self Diagnostic Integrated Furnace Control (IFC)
 - Contains LED service indicator lights to ensure quick and accurate service calls
 - Constantly monitors all safety devices
 - Interfaces with additional home comfort products using simple plug-in connections
 - Mounted between the blower rails for easy accessibility

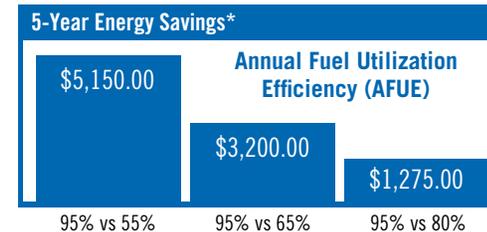
DESIGNED TO BE QUIET

- 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

*See warranty for details

ANNUAL FUEL UTILIZATION EFFICIENCY

95% 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.

EASY INSTALLATION AND MAINTENANCE

- Factory-fired and tested for trouble-free start-ups
- Self-diagnostic Integrated Furnace Controls (IFC) is mounted between the blower rails for easy accessibility
- Multiple intake/venting, gas pipe and electrical connection options
- Shortest 95% + 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 with no additional kits required
- 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
- Integrated Furnace Control board manages all operational functions and accommodates hook-ups for a humidifier, HRV, and electronic air cleaner
- 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

CABINETS & INSTALLATION OPTIONS



flexfit



Fireplace Inserts • Patioflames • Gas Fireplaces • Waterfalls • Wood Stoves
Casual Furniture • Electric Fireplaces • Outdoor Fireplaces • Gourmet Gas Grills

Peace of Mind

Time after time, Napoleon® has led the way with new and innovative, patented technology. We are proud to say that our products continuously surpass industry standards and our inspiration is you!

We want you to feel confident in choosing Napoleon® for your home. Our products are designed to provide that confidence and ensure that every Napoleon® is beyond compare! Your authorized Napoleon® dealer will customize your home comfort specifically for you – guaranteed satisfaction.



SPECIFICATIONS

HEATING CAPACITIES

9500 SERIES	NPX045S2A	NSM045S2A	NPX060S3A	NSM060S3A	NPX080S3A	NSM080S3A	NPX100S5A	NSM100S5A	NPX120S5A	NSM120S5A
Motor	X13 ECM	PSC								
Efficiency (AFUE)	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Input BTU/hr 0-4500'	45,000	45,000	60,000	60,000	80,000	80,000	100,000	100,000	120,000	120,000
Output BTU/hr 0-4500'	42,750	42,750	57,000	57,000	76,000	76,000	95,000	95,000	114,000	114,000

CABINET DIMENSIONS (INCHES)

9500 SERIES	NPX045S2A	NSM045S2A	NPX060S3A	NSM060S3A	NPX080S3A	NSM080S3A	NPX100S5A	NSM100S5A	NPX120S5A	NSM120S5A
Motor	X13 ECM	PSC								
Width	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	22 1/2	22 1/2	22 1/2	22 1/2
Depth	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	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
Plenum Opening Depth	19 5/8	19 5/8	19 5/8	19 5/8	19 5/8	19 5/8	19 5/8	19 5/8	19 5/8	19 5/8
Plenum Opening Width	16 1/4	16 1/4	16 1/4	16 1/4	16 1/4	16 1/4	21 1/4	21 1/4	21 1/4	21 1/4
Return Opening Size	14 x 22									

CLEARANCES AND VENTING

9500 SERIES	NPX045S2A	NSM045S2A	NPX060S3A	NSM060S3A	NPX080S3A	NSM080S3A	NPX100S5A	NSM100S5A	NPX120S5A	NSM120S5A
Motor	X13 ECM	PSC								
Clearances to Combustibles	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	2	2	2	2	3	3
Maximum Vent Size (in)	2	2	3	3	3	3	3	3	3	3
Minimum Vent Length (ft)	15	15	15	15	15	15	15	15	15	15
Maximum Vent Length (ft)	75	75	100	100	100	100	100	100	100	100

AIRFLOW AND COOLING

9500 SERIES	NPX045S2A	NSM045S2A	NPX060S3A	NSM060S3A	NPX080S3A	NSM080S3A	NPX100S5A	NSM100S5A	NPX120S5A	NSM120S5A
Motor	X13 ECM	PSC	X13 ECM	PSC	X13 ECM	PSC	X13 ECM	PSC	X13 ECM	PSC
Blower Size	10-6TDD	10-6TDD	10-6TDD	10-6TDD	12-7TDD	12-7TDD	12-10TDD	12-10TDD	12-10TDD	12-10TDD
Motor Type and Size	1/3hp	1/2hp	1/2hp	1/2hp	1/2hp	1/2hp	3/4hp	3/4hp	3/4hp	3/4hp
Maximum CFM AC	950	1000	1125	1200	1125	1200	1875	2000	1875	2000
Minimum CFM AC	600	800	600	800	600	800	750	1200	750	1200
AC Tonnages	1½, 2, 2½	1½, 2, 2½	1½, 2, 2½, 3	1½, 2, 2½, 3	1½, 2, 2½, 3	2, 2 1/2, 3	2, 3, 4, 5	3, 4, 5	2, 3, 4, 5	3, 4, 5

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Authorized Dealer



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