



# C Series Gas Furnaces



**Innovative Heating & Cooling Solutions**  
[continentalheatingandcooling.com](http://continentalheatingandcooling.com)

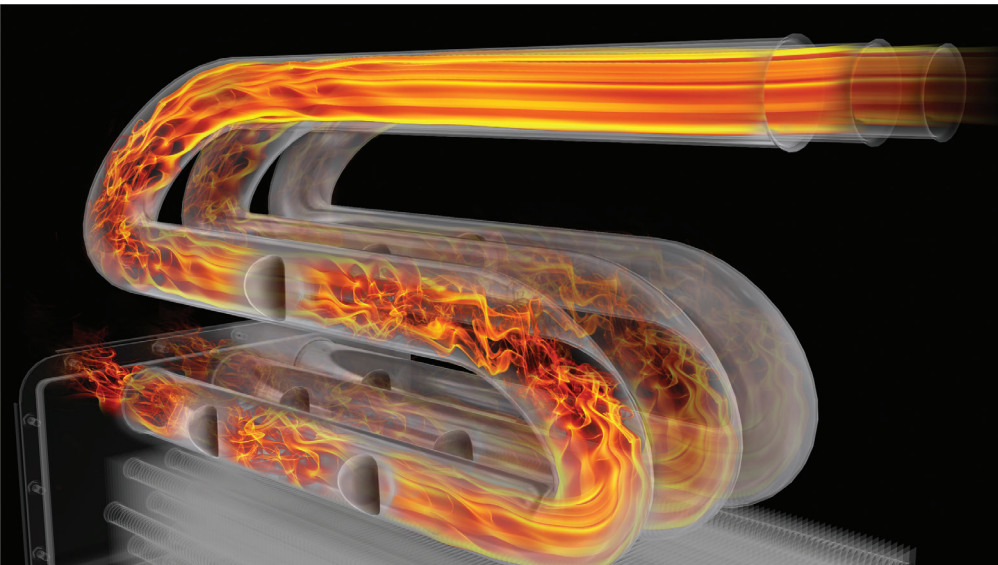
# Energy Savings & Comfort

## Proudly Engineered and Made in Canada for North American Winters

The central heating system of your home needs to be safe and reliable while providing years of comfort and performance for your family. Continental offers the best in the industry with superior engineering and advanced technology that's driven by a passion for customer satisfaction. Our entire gas furnace line, the C97 Tech Pro Series, C96, C95, C92 and C80 boast impressively high efficiencies, up to 97% + AFUE (Annual Fuel Utilization Efficiency). Our dedication to providing home comfort is the inspiration behind this product line, ensuring reliable, energy efficient products that reduce your heating bill while offering peace of mind all winter long.



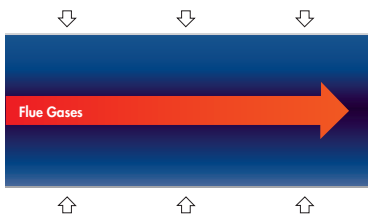
The Vortex™ turbulator heat exchanger increases efficiency by disrupting natural airflow. This extracts the maximum heat from the flue gases, which means a Continental furnace is efficient, effective and a top product in the industry. A patented technology, the Vortex™ turbulator is an advanced technology that puts Continental furnaces above the competition.



## Exchanger Comparison

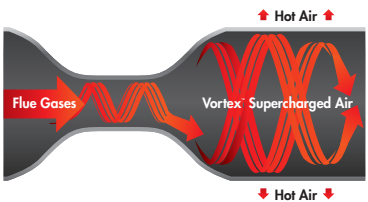
### Conventional Heat Exchanger

Hot air radiating 700°F



### Patented Vortex™ Technology Heat Exchanger

Hot air radiating 800°F

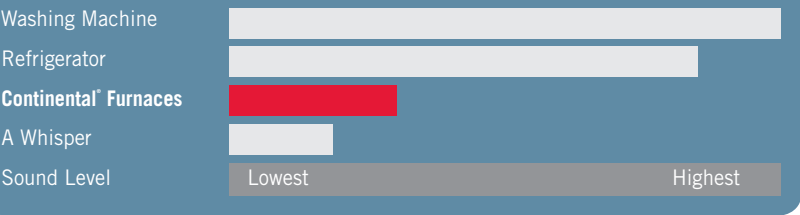


## WHISPER QUIET™ Operation Features

Understanding that noise level is an important factor, Continental® designed it's furnace line-up to be WHISPER QUIET™. Continental furnaces are built with:

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

## Common Sounds in a Home



# C97 Series Two-Stage

The Highest Efficiency Two-Stage Furnace On The Market

The C97 Tech Pro Series features a two-stage gas valve and a variable speed energy efficient ECM Eon blower motor. Continental's two-stage furnace reduces temperature swings within your home, maintaining a consistent and comfortable temperature. The C97 Tech Pro furnace will operate on low fire for greater efficiency and comfort for most of the heating season. On colder days, the furnace automatically switches to the second stage, producing more heat to satisfy demand. This effective two stage system is like having two furnaces in one. With the C97 Tech Pro, you'll be warm all winter long.

## Features

- One of the highest efficiency two-stage furnaces on the market at 97% AFUE
- 40, 60, 80, 100 and 120,000 BTU models available
- Optional HomeShield Ultra Violet Light Air Purifier furnace lamp for indoor air quality
- Built-in LED service lights for upper and lower cabinet diagnostics
- WHISPER QUIET™ operation with SILENTCORE™ technology, four-sided insulated cabinet
- Commercial grade stainless steel primary heat exchangers
- Solid one piece stainless steel outer door
- Available in upflow position only
- Manufactured for natural gas
- Propane conversion kit available



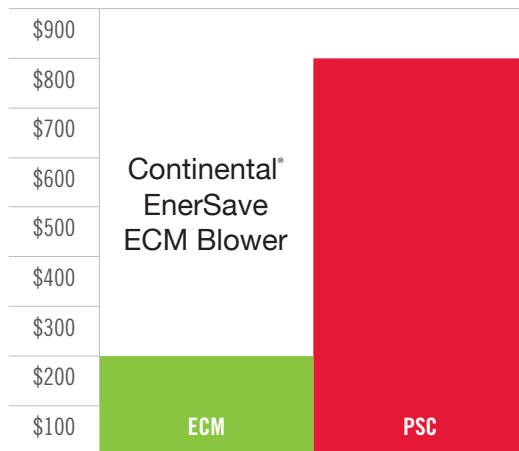
Built-in LED Service Lights



Optional Ultra Violet Light Air Purifier helps kill bacteria



## Operating Costs Over One Year



## SureView BURNER SYSTEM

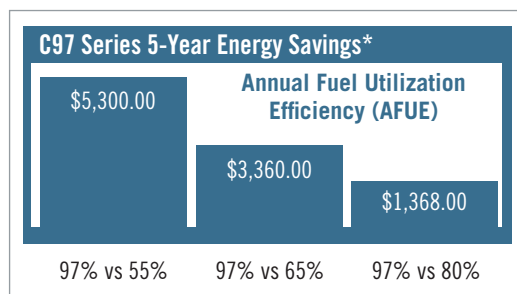
Patented SureView burner system window allows a unique view of the flames in operation, a first in the industry.

## 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.





# C96 Series Two-Stage

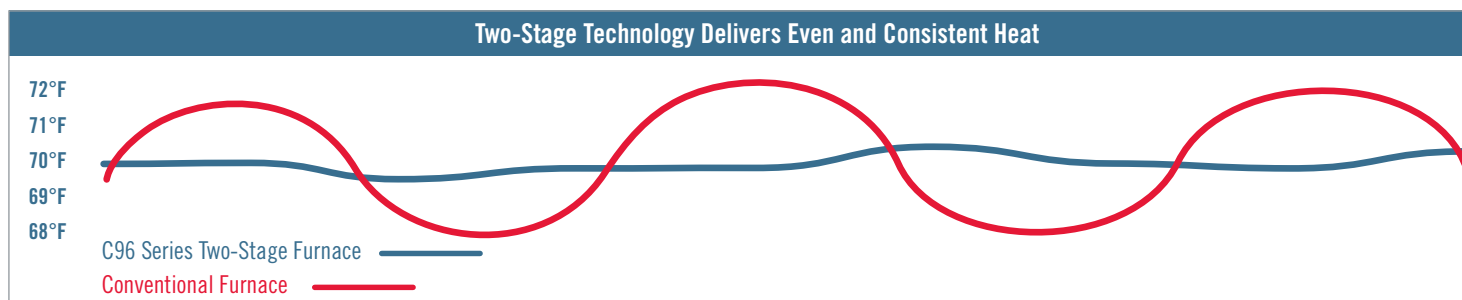
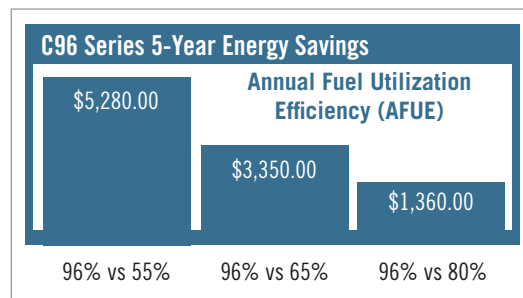
The C96 Series features a two-stage gas valve and fixed or variable speed energy efficient ECM motor. Continental's two-stage furnace reduces temperature swings within your home, maintaining a consistent and comfortable setting. The C96 Series furnace will operate on low fire for greater efficiency and comfort for most of the heating season. On colder days, the furnace automatically switches to the second stage, producing more heat to satisfy demand. This effective two stage system is like having two furnaces in one. With your Continental C96 Series furnace, you'll enjoy the winter seasons for years to come.



## Features

- Shortest 96%+ AFUE furnace on the market with 32 7/8" height, offering two cabinet width sizes 17 1/2" and 22 1/2"
- 40, 60, 80, 100 and 120,000 BTU models available
- Multi-position (upflow, horizontal and downflow) for versatile installations
- For use with single or two-stage thermostats
- Two-stage operation ensures optimal efficiency at both first or second stage firing rates

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

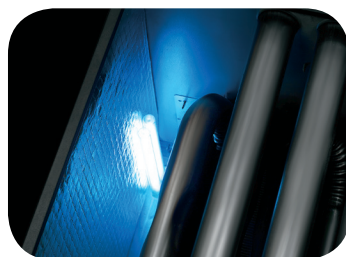


## Features

- One of the highest efficiency two-stage furnaces on the market at 96% AFUE
- 40, 60, 80, 100 and 120,000 BTU models available
- Optional HomeShield Ultra Violet Light Air Purifier furnace lamp for indoor air quality
- Built-in LED service lights for upper and lower cabinet diagnostics
- WHISPER QUIET™ operation with SILENTCORE™ technology
- Commercial grade stainless steel primary heat exchangers
- Solid one piece stainless steel outer door
- Sleek European design
- Manufactured for natural gas
- Propane conversion kit available

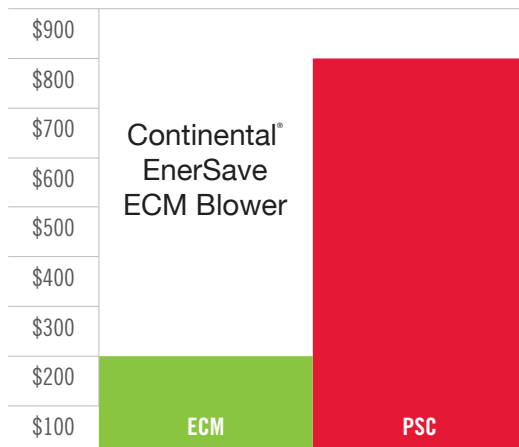


Built-in LED Service Lights



Optional Ultra Violet Light Air Purifier helps kill bacteria

## Operating Costs Over One Year





# C96 Series Two-Stage

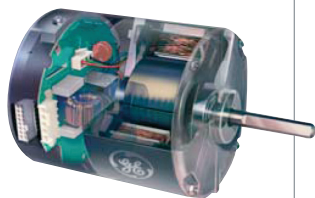


## Variable Speed ECM Technology

ECM=Electronically Commutated Motor

The ECM Eon variable speed blower motor gives you increased comfort by accelerating and decelerating slowly, eliminating sudden gusts of air.

Continental's EnerSave ECM motor reduces electrical consumption by up to 80%\*



## Exclusive Continental® Features

### 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
- 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
- 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

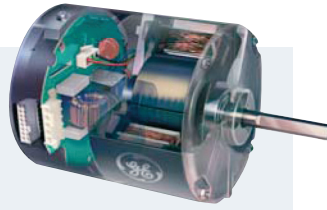
# C95 Series Single-Stage

Continental's C95 Series gas furnace is the perfect addition to any home. Superior engineering and design make it one of the most reliable gas furnaces on the market. Featuring an Endura Pro ECM motor it boasts energy efficiency and WHISPER QUIET™ operation. With Continental's C95 Series gas furnace, you'll be enjoying warm, comfortable temperatures all winter long.



## Endura Pro ECM Motor

- Boasts efficiency ratings of up to 82%
- On continuous fan speed, the Endura Pro ECM motor consumes 60 - 80 watts compared to 400 watts for a conventional motor



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

### C95 Series 5-Year Energy Savings\*

\$5,150.00	Annual Fuel Utilization Efficiency (AFUE)	
	\$3,200.00	\$1,275.00
95% vs 55%	95% vs 65%	95% vs 80%

## 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.



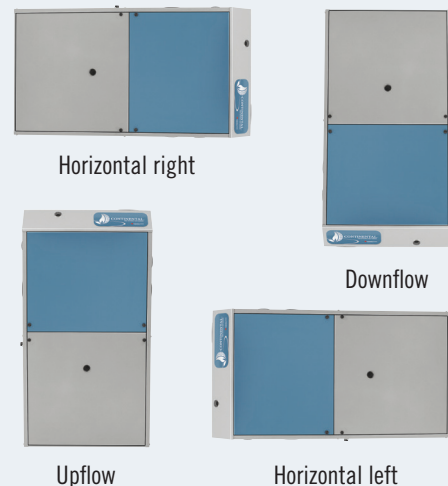


# C95 Series Single-Stage

## Installation Options

Continental C95 & C96 model furnaces offer zero clearance in all positions, providing installation ease in closets and alcoves with no additional kits required.

Manufactured for natural gas, Continental furnaces include the option of simple conversion to propane. Continental furnaces are some of the smallest on the market, making them the perfect fit for any home.



## 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
- 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
- Easily installed 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

## The C92, C95 and C96 Boast Advanced Technology:

### High Efficiency

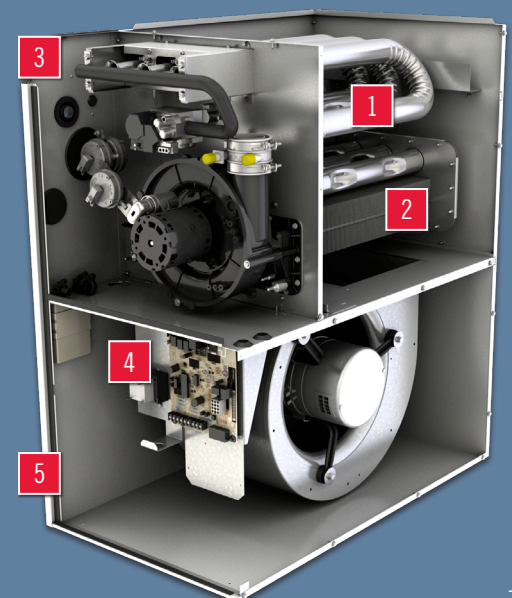
1. Corrosion Resistant Heavy Gauge Aluminized-Steel Tubular Triple-Pass Heat Exchanger
  - Controlled wrinkle-bend design of heat exchanger creates tubes with consistent thickness and no weak areas
  - The Heat Exchanger is backed by our President's Limited Lifetime and Limited Replacement Guarantee\* for your peace of mind
2. Stainless Steel Heat Recovery Coil
  - Extracts the remaining heat from the flue gases once they exit the triple-pass heat exchanger
3. Aluminized Multi-Port in Shot Burners
  - Corrosion resistant burners
  - Perfectly shapes the flame cone for maximum flame efficiency

### High Quality Components

4. Self Diagnostic Integrated Furnace Control (IFC)
  - Contains LED service indicator light to ensure quick and accurate service diagnostics
  - 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

5. Durable Sound Reducing Insulated Cabinet
  - Thermally insulated heat exchanger compartment for quiet operation and reduced clearance to combustibles



\*See Warranty for details



# C92 Series Single-Stage

## Industry's first 30,000 BTU furnaces with models up to 120,000 BTU's

Continental's C92 gas furnace is one of the smallest on the market. With today's households striving to achieve the highest energy savings, the C92 is the perfect fit. Offering a PSC motor that boasts WHISPER QUIET™ operation, superior engineering and a sleek design, you'll enjoy all the comforts of the C92 gas furnace as it provides reliable, safe and efficient heat all winter long.

### Features

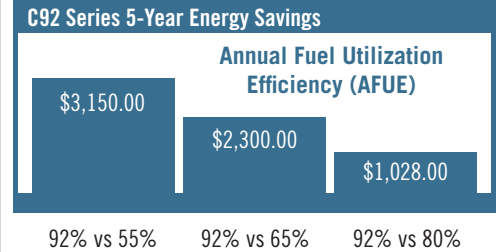
- One of the smallest 92.1% AFUE furnaces on the market with 32 7/8" height and offering four cabinet width sizes: 14 1/2", 17 1/2", 21" and 24 1/2"
- Three positions (upflow, horizontal right and left) for installations
- Zero clearance in all positions, provides installation ease in closets and alcoves
- Vortex™ aluminized, high efficiency triple-pass tubular heat exchanger with wrinkle-bend technology has a large surface area to maximize heat transfer
- Stainless steel secondary heat recovery coil
- Aluminized multi-port in shot burners
- Corrosion resistant burners perfectly shapes the flame cone for maximum flame efficiency



**20** YEAR HEAT EXCHANGER LIMITED WARRANTY

**10** YEAR PARTS LIMITED WARRANTY

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



### Annual Fuel Utilization Efficiency

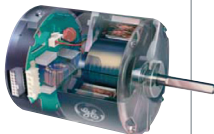
92% + AFUE translates into significantly lower fuel bills

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.

### Multi-Speed (PSC) Technology

PSC= Permanent Split Capacitor

Continental's C92 CBM models feature an efficient PSC motor. This blower motor is what achieves a prompt start up for reliable comfort, fast. The blower wheel is dynamically balanced for quiet operation so you can enjoy the heat without excessive noise levels.



### C92 Installation Options



Upflow



Horizontal right



Horizontal left

# C80 Series Single-Stage

Mid-Efficiency Gas Furnace

Continental's C80 Mid-Efficiency Gas Furnace is designed to effectively heat your home at a consistent temperature. Just set the desired temperature on your thermostat and let Continental's C80 take care of the rest. With small cabinet sizes, quiet operation and a neutral color, you won't even know it's there as you enjoy comfortable home temperatures for years to come.

## Features

- Dependable, proven single-stage design
- Natural gas and propane models available
- Hot surface ignition for dependable operation and reduced energy costs
- Durable heat exchangers
- Industry standard cabinet sizes for add-on cooling applications
- Flex Fit installation options: horizontal left and right, upflow and downflow
- 5 Year Parts Warranty, 10 Year when registered
- 10 Year Heat Exchanger Warranty

### Multi-Speed (PSC) Technology

PSC= Permanent Split Capacitor

Continental's C92 CBM models feature an efficient PSC motor. This blower motor is what achieves a prompt start up for reliable comfort, fast. The blower wheel is dynamically balanced for quiet operation so you can enjoy the heat without excessive noise levels.



\*Available in the U.S. Only

## C80 Installation Options



Upflow



Horizontal right



Horizontal left



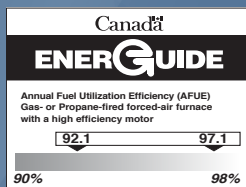
# Specifications

		AFUE	Motors	AC Tonnages	Cabinet Width (in)	Cabinet Depth (in)	Cabinet Height (in)	Input High fire	Input Low fire	Output High fire	Output Low fire	CFM Max	CFM Min
C97 Series	CTV040T2B	97%	ECM Eon 1/3 hp	1 1/2, 2, 2 1/2	17 1/2	29 1/2	32 7/8	40,000	24,000	39,000	23,000	950	600
	CTV060T3B	97%	ECM Eon 1/2 hp	1 1/2, 2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	60,000	36,000	58,000	35,000	1125	600
	CTV080T3B	97%	ECM Eon 1/2 hp	1 1/2, 2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	80,000	48,000	78,000	47,000	1125	800
	CTV080T4B	97%	ECM Eon 3/4 hp	2, 2 1/2, 3, 4	22 1/2	29 1/2	32 7/8	80,000	48,000	78,000	47,000	1500	800
	CTV100T5B	97%	ECM Eon 3/4 hp	2, 2 1/2, 3, 4	22 1/2	29 1/2	32 7/8	100,000	60,000	97,000	58,000	1875	925
	CTV120T5B	97%	ECM Eon 1 hp	2, 3, 4, 5	22 1/2	29 1/2	32 7/8	120,000	72,000	116,000	70,000	1875	925
C96 Series	CSX040T2B	96%	ECM Endura Pro 1/3 hp	1 1/2, 2, 2 1/2	17 1/2	29 1/2	32 7/8	40,000	24,000	38,000	23,000	950	600
	CSX060T3B	96%	ECM Endura Pro 1/2 hp	2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	60,000	36,000	58,000	35,000	1200	600
	CSX080T3B	96%	ECM Endura Pro 1/2 hp	2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	80,000	48,000	77,000	46,000	1200	800
	CSX080T4B	96%	ECM Endura Pro 3/4 hp	2, 3, 4	22 1/2	29 1/2	32 7/8	80,000	48,000	77,000	46,000	1600	800
	CSX100T5B	96%	ECM Endura Pro 3/4 hp	3, 4, 5	22 1/2	29 1/2	32 7/8	100,000	60,000	96,000	58,000	2000	925
	CSX120T5B	96%	ECM Endura Pro 1 hp	3, 4, 5	22 1/2	29 1/2	32 7/8	120,000	72,000	115,000	68,000	2000	925
	CPV040T2B	96%	ECM Eon 1/3 hp	1 1/2, 2, 2 1/2	17 1/2	29 1/2	32 7/8	40,000	24,000	38,000	23,000	950	600
	CPV060T3B	96%	ECM Eon 1/2 hp	1 1/2, 2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	60,000	36,000	58,000	35,000	1125	600
	CPV080T3B	96%	ECM Eon 1/2 hp	1 1/2, 2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	80,000	48,000	77,000	46,000	1125	600
	CPV080T4B	96%	ECM Eon 3/4 hp	2, 2 1/2, 3, 4	22 1/2	29 1/2	32 7/8	80,000	48,000	77,000	46,000	1500	800
	CPV100T5B	96%	ECM Eon 3/4 hp	2, 3, 4, 5	22 1/2	29 1/2	32 7/8	100,000	60,000	96,000	58,000	1875	750
	CPV120T5B	96%	ECM Eon 1 hp	2, 3, 4, 5	22 1/2	29 1/2	32 7/8	120,000	72,000	115,000	68,000	1875	750
C95 Series	CPX030S2B	95%	ECM Endura Pro 1/3 hp	1 1/2, 2, 2 1/2	17 1/2	29 1/2	32 1/2	30,000	-	29,000	-	750	600
	CPX040S2B	95%	ECM Endura Pro 1/3 hp	1 1/2, 2, 2 1/2	17 1/2	29 1/2	32 7/8	40,000	-	38,000	-	950	600
	CPX060S3B	95%	ECM Endura Pro 1/2 hp	2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	60,000	-	57,000	-	1125	600
	CPX080S3B	95%	ECM Endura Pro 1/2 hp	2, 2 1/2, 3	17 1/2	29 1/2	32 7/8	80,000	-	76,000	-	1125	600
	CPX100S5B	95%	ECM Endura Pro 3/4 hp	3, 4, 5	22 1/2	29 1/2	32 7/8	100,000	-	95,000	-	1875	750



		AFUE	Motors	AC Tonnages	Cabinet Width (in)	Cabinet Depth (in)	Cabinet Height (in)	Input High fire	Input Low fire	Output High fire	Output Low fire	CFM Max	CFM Min
C92 Series	CBM040S3A	92.1%	PSC 1/3 hp	2, 3	17 1/2	29 1/2	32 7/8	40,000	-	37,000	-	1200	600
	CBM060S2A	92.1%	PSC 1/3 hp	1 1/2, 2	14 1/2	29 1/2	32 7/8	60,000	-	55,000	-	750	600
	CBM060S3A	92.1%	PSC 1/2 hp	2, 3	17 1/2	29 1/2	32 7/8	60,000	-	55,000	-	1400	900
	CBM080S3A	92.1%	PSC 1/2 hp	2, 3	17 1/2	29 1/2	32 7/8	80,000	-	74,000	-	1400	900
C80 Series	WGS80M050A3A-C	80%	PSC 1/3 hp	1.5, 2, 2.5, 3	14 1/2	28 1/2	33 1/4	50,000	-	40,000	-	1200	600
	WGS80M070A3A-C	80%	PSC 1/3 hp	1.5, 2, 2.5, 3	14 1/2	28 1/2	33 1/4	70,000	-	56,000	-	1200	600
	WGS80M080B4A-C	80%	PSC 1/2 hp	2.5, 3, 3.5, 4	17 1/2	28 1/2	33 1/4	80,000	-	64,000	-	1600	1000
	WGS80M090B4A-C	80%	PSC 1/2 hp	2.5, 3, 3.5, 4	17 1/2	28 1/2	33 1/4	90,000	-	72,000	-	1600	1000
	WGS80M110C5A-C	80%	PSC 3/4 hp	3, 3.5, 4, 5	21	28 1/2	33 1/4	110,000	-	88,000	-	2000	1200
	WGS80M135D5A-C	80%	PSC 3/4 hp	3, 3.5, 4, 5	24 1/2	28 1/2	33 1/4	135,000	-	108,000	-	2000	1200

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