

Central Air Conditioners - 13, 14 and 16 SEER



Proudly Made in Canada

Central AC 13,14, and 16 SEER

Keeping your home comfortable begins with the ability to maintain the right temperature.

Continental 13, 14 and 16 SEER Air Conditioners will easily cool and dehumidify your home during those hot, summer days. Designed with a natural taupe color and quiet operation, it blends right into the landscape of your home. Just set your thermostat and let your Continental Air Conditioner do the rest. You'll enjoy comfortable summer seasons for years to come.

Features

- High efficiency scroll compressor
- Service valves and refrigerant connections are located outside the cabinet for easy accessibility and servicing
- Swept fan blades for quiet operation
- Built to include the industry's highest quality drier filter
- Powder coated cabinet panels withstanding 1000 hours of salt spray testing
- Engineered and Made in Canada



Swept Fan Blade TECHNOLOGY

Continental air conditioners are made with modern fan blade technology. The unique swept shape of the blades make Continental air conditioners quiet as they efficiently provide increased air flow. With quality and longevity in mind, Continental's swept fan blades are made with a plated steel hub and aluminum blades for long lasting durability.



Continental 1.5 and 2 ton air conditioners use a 4 blade fan to meet the cooling needs of the unit - 2.5 through 5 ton air conditioners use a larger 2 blade fan that provides the increased air distribution required for larger units.

EASY INSTALLATION AND MAINTENANCE

- Features a permanently lubricated PSC Permanent Split Capacitor motor
- Achieves prompt start up without excessive noise levels
- Motor assembly is removable from top of unit for fast and easy servicing
- Service valves and refrigerant connections are located outside the cabinet for easy accessibility and servicing
- Electrical connections are easily accessible through a removable service panel



10 YEAR COMPRESSOR LIMITED WARRANTY

10 YEAR PARTS LIMITED WARRANTY

* 10 year when registered (5 Year Standard)

Environmentally Responsible

Continental air conditioners are made with environmentally conscious, chlorine-free refrigerant R-410A. Refrigerants are liquids that are housed within the coils of your air conditioner to cool and dehumidify your home. By using a refrigerant that is chlorine-free, Continental air conditioners do not contribute to ozone depletion and offer higher SEER (Seasonal Energy Efficiency Ratio) ratings. In addition, R-410A refrigerant reduces power consumption and increases the durability of your compressor, extending the life of your Continental air conditioner.

SPECIFICATIONS

COOLING CAPACITIES	13 SEER							
	CT13A018B	CT13A024B	CT13A030B	CT13A036B	CT13A042B	CT13A048B	CT13A060B	
Nom Size	1.5 T	2.0 T	2.5 T	3.0 T	3.5 T	4.0 T	5.0 T	
Capacity BTU/H	18,300	22,800	27,400	33,800	37,800	45,000	53,500	
SEER	13.0	13.0	13.0	13.0	13.0	13.0	13.0	
Ref.	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
Volt-Hz-Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	
Compressor LRA (A)	56.3	62.9	67.8	72.2	109	124	152.5	
Compressor RLA (A)	9.0	10.9	12.8	14.1	16.7	18.5	23.7	
Fan Blade Dia/qty Blades	18"/4	18"/4	18"/4	24"/2	24"/2	24"/2	24"/2	
Condenser Fan FLA/HP/RPM	0.7 / 1/8 / 1075	0.7 / 1/8 / 1075	0.7 / 1/8 / 1075	0.8 / 1/8 / 850	0.8 / 1/8 / 850	0.8 / 1/8 / 850	0.8 / 1/8 / 850	
MCA	12.0	14.3	16.7	18.4	21.7	23.9	30.4	
Max Fuse/Breaker (A)	20	25	25	30	35	40	50	
Liquid Line (in)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	
Suction Line (in)	3/4	3/4	3/4	3/4	7/8	7/8	7/8	
DIMENSIONS	CT13A018B	CT13A024B	CT13A030B	CT13A036B	CT13A042B	CT13A048B	CT13A060B	
Width (in)	24	24	24	29.5	29.5	29.5	29.5	
Height (in)	27	27	27	27	27	38 7/8	38 7/8	
Depth (in)	24	24	24	29.5	29.5	29.5	29.5	

COOLING CAPACITIES	14 SEER							
	CT14A018B	CT14A024B	CT14A030B	CT14A036B	CT14A042B	CT14A048B	CT14A060B	
Nom Size	1.5 T	2.0 T	2.5 T	3.0 T	3.5 T	4.0 T	5.0 T	
Capacity BTU/H	18,800	23,400	28,600	33,800	38,000	44,000	53,500	
SEER	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
Ref.	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
Volt-Hz-Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	
Compressor LRA (A)	56.3	62.9	67.8	72.2	109.0	123.9	152.5	
Compressor RLA (A)	9.0	10.9	12.8	14.1	16.7	17.0	23.7	
Fan Blade Dia/qty Blades	18"/4	18"/4	24"/2	24"/2	24"/2	24"/2	24"/2	
Condenser Fan FLA/HP/RPM max	0.7 / 1/8 / 1075	0.7 / 1/8 / 1075	0.8 / 1/8 / 850	0.8 / 1/8 / 850	0.8 / 1/8 / 850	0.8 / 1/8 / 850	1.1 / 1/8 / 850	
MCA	12.0	14.3	16.8	18.4	21.7	22.1	30.7	
Max Fuse/Breaker (A)	20	25	25	30	35	35	50	
Liquid Line (in)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	
Suction Line (in)	3/4	3/4	3/4	3/4	7/8	7/8	7/8	
DIMENSIONS	CT14A018B	CT14A024B	CT14A030B	CT14A036B	CT14A042B	CT14A048B	CT14A060B	
Width (in)	24	24	29.5	29.5	29.5	29.5	29.5	
Height (in)	27	27	27	27	38 7/8	38 7/8	47 3/4	
Depth (in)	24	24	29.5	29.5	29.5	29.5	29.5	

COOLING CAPACITIES	16 SEER							
	CT16A018B	CT16A024B	CT16A030B	CT16A036B	CT16A042B	CT16A048B	CT16A060B	
Nom Size	1.5 T	2.0 T	2.5 T	3.0 T	3.5 T	4.0 T	5.0 T	
Capacity BTU/H	19,100	24,000	29,400	35,600	41,500	45,000	56,500	
SEER	16.0	16.0	16.0	16.0	15.0	15.0	14.5	
Ref.	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
Ref. Charge (oz) 410a	70	71	94	110	115	129	127	
Volt-Hz-Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	
Compressor LRA (A)	56.3	62.9	67.8	72.2	109.0	123.9	152.5	
Compressor RLA (A)	9.0	10.9	12.8	14.1	16.7	17.0	23.7	
Fan Blade Dia/qty Blades	24"/2	24"/2	24"/2	24"/2	24"/2	24"/2	24"/2	
Condenser Fan FLA/HP/RPM max	0.65 / 1/8 / 850	0.65 / 1/8 / 850	0.8 / 1/8 / 850	0.8 / 1/8 / 850	0.8 / 1/8 / 850	1.1 / 1/8 / 850	1.1 / 1/8 / 850	
MCA	11.9	14.3	16.8	18.4	21.7	22.4	30.7	
Max Fuse/Breaker (A)	20	25	25	30	35	35	50	
Liquid Line (in)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	
Suction Line (in)	3/4	3/4	3/4	3/4	7/8	7/8	7/8	
DIMENSIONS	CT16A018B	CT16A024B	CT16A030B	CT16A036B	CT16A042B	CT16A048B	CT16A060B	
Width (in)	29.5	29.5	29.5	29.5	29.5	29.5	29.5	
Height (in)	27	27	27	38 7/8	38 7/8	47 3/4	47 3/4	
Depth (in)	29.5	29.5	29.5	29.5	29.5	29.5	29.5	

All specifications and designs can change without notice to allow for on-going product improvement. Images may not be exactly as shown. Consult your owner manual for current information. Check all local and national building codes and gas regulations. Continental is a registered trademark of Wolf Steel Ltd. © Wolf Steel Ltd.



ASK US ABOUT OUR HYBRID SERIES FURNACES

ADVANCED COMBUSTION SYSTEM

A stainless steel tube combustion system achieves a secondary burn cycle. Not only are you getting energy from the wood, but also from the wood gases which are mixed at the precise ratio of temperature and oxygen. To achieve an extraordinarily clean burn without a catalytic combustor, horizontal jets of super heated secondary air are mixed with the fire's smoke to burn off released smoke particles. You can watch the torch-like secondary flames just below the ceiling during the burn. This results in more heat, cleaner exhaust, fast start up, less chimney maintenance and less trips to the woodpile.

SOLID CONSTRUCTION AND AUTOMATIC COMBUSTOR CONTROL

Hybrid Series furnaces come standard with a fully welded and refractory brick lined combustion chamber, similar to a kiln, for many years of safe and trouble-free performance.

TRIPLE-FUEL COMBINATION FOR PEACE OF MIND

Go away for an extended period without worrying about keeping your wood furnace operational. The Continental Hybrid Series furnaces switch from wood to the supplementary heating source (electric, oil and gas for the CHMF150 and CHMF200) automatically. If the furnace runs out of wood, a second thermostat controlling the optional electric, oil or gas components will keep your home warm and toasty even if you are not at home. Even with power failures, the wood furnaces are designed to use gravity airflow for emergency heating.

MODULAR DESIGN - FLEXIBLE INSTALLATIONS

Continental's Hybrid Multi-Fuel Combination Furnaces are extremely clean burning wood furnaces that are certified to the latest emission standards (CSA B415.1-10, EPA) and boast efficiency ratings as high as 88.6%. The Continental Hybrid Series are some of the cleanest and most efficient combination solid fuel-burning furnaces on the market today.



Combined with a Continental Gas Furnace and the HMFK-GT Transition kit

Wood only furnace

A combination wood / oil furnace

A combination wood / electric furnace

A triple-fuel wood / oil / electric furnace

Add-on wood furnace to your existing heating system

All specifications and designs can change without notice to allow for on-going product improvement. Images may not be exactly as shown. Consult your owner's manual for current information. Check all local and national building codes and gas regulations. Continental is a registered trademark of Wolf Steel Ltd. © Wolf Steel Ltd.



Authorized Dealer

- 24 Napoleon Road, Barrie, Ontario, Canada L4M 0G8
- 103 Miller Drive, Crittenden, Kentucky, USA 41030
- 7200 Trans Canada Highway, Montréal, QC, Canada, H4T 1A3

Tel: 1-866-820-8686 Fax: 705-725-1150
continentalheatingandcooling.com

