

BLAZE KING

Sirocco 20 / Chinook 20
Free Standing
Wood Stoves



SIROCCO 20

Classic Lines and Versatility The Sirocco embodies the timeless styling of the classic North American wood stove.

Versatility You can customize your Sirocco stove to match the decor of your home.

Finish your styling preferences with the optional convection deck. This not only adds to the look of your stove but also helps increase its performance.

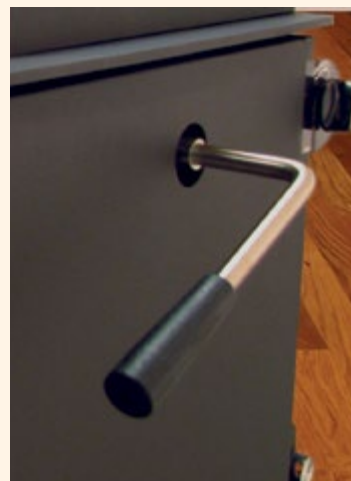


Sirocco 20 on pedestal with ash drawer and with optional convection deck



Sirocco 20 shown with legs. Optional ash drawer, convection deck, cast iron door with satin trim, satin door handle and satin bypass handle.

Specifications: Sirocco 20	Optimum Performance (LHV)	Real World Tested Performance (HHV)
Maximum heat input**	309,404 BTU's	309,404 BTU's
Efficiency	83%	77% (EPA listed efficiency)
Constant Heat output on High***	32,101 BTU's/hour for 8 hours	29,780 BTU's/hour for 8 hours
Constant Heat output on Low****	12,840 BTU's/hour for up to 20 hours	11,912 BTU's/hour for up to 20 hours
Square Feet Heated*	900 – 1500	
Maximum Log Size	Up To 16"	
Burn Time*	Up to 20 hours on low	
Emissions (grams/hour)	1.34 g	
Firebox Size	1.8 cu. ft.	
Flue Size	6"	





CHINOOK 20

Modern Elegance There is a strong European influence in its design from the integrated legs to the large rectangular glass viewing area.

The convection deck is standard on the Chinook. Add the optional dual fan system to further move the super-heated air into your room. The optional ash-drawer opens on engineered runners with a smooth gliding motion.



Specifications: Chinook 20	Optimum Performance (LHV)	Real World Tested Performance (HHV)
Maximum heat input**	309,404 BTU's	309,404 BTU's
Efficiency	83%	77% (EPA listed efficiency)
Constant Heat output on High***	32,101 BTU's/hour for 8 hours	29,780 BTU's/hour for 8 hours
Constant Heat output on Low****	12,840 BTU's/hour for up to 20 hours	11,912 BTU's/hour for up to 20 hours
Square Feet Heated*	900 – 1500	
Maximum Log Size	Up To 16**	
Burn Time*	Up to 20 hours on low	
Emissions (grams/hour)	1.34 g	
Firebox Size	1.8 cu. ft.	
Flue Size	6"	

Sirocco 20 and Chinook 20 Specifications

Sirocco 20 and Chinook 20

Min. Clearances for Sirocco 20 and Chinook 20

Residential Installation	A	B	C	D	E	F	J
Roof Exit, Parallel & Corner	10¾"	6"	SC20 23¼" CK20 22¾"	15 ³ / ₈ "**	4"	SC20 16½"* CK20 15 ⁷ / ₈ "**	72"
Wall Exit, Parallel & Corner	10¾"	6"	SC20 23¼" CK20 22¾"	15 ³ / ₈ "**	4"	SC20 16½"* CK20 15 ⁷ / ₈ "**	72"*
Alcove, Roof or Wall Exit	10¾"	6"	SC20 23¼" CK20 22¾"	15 ³ / ₈ "**	N/A	N/A	72"

(Must use Fan Kit or Rear Shield & Double Wall Pipe)

Mobile Home Installation

Roof Exit, Parallel & Corner	10¾"	6"	SC20 23¼" CK20 22¾"	15 ³ / ₈ "**	4"	SC20 16½"* CK20 15 ⁷ / ₈ "**	72"
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(Must use Fan Kit or Rear Shield & Double Wall Pipe and Fresh Air Intake Kit)

Alcove Minimum Requirements

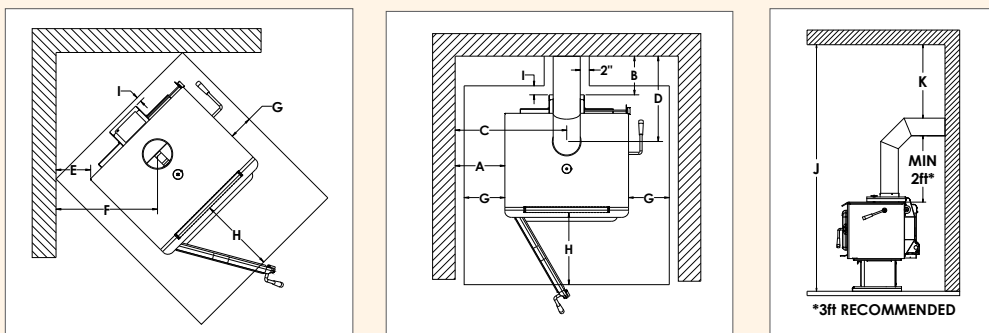
Width 48" Maximum Depth 48" Minimum Height 72"

* Check Local Codes/Pipe Manufacturer Requirements for Clearances. In all of Canada and most of USA, 18" Clearances from single Wall Pipe are Required.

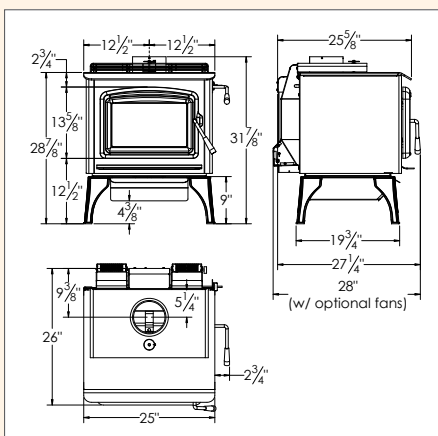
Hearth Protection

	Ember Protection	G	H	I	K
USA	40 ¹ / ₈ " x 32"	SC20 3½" CK20 4"	16"	0"	18" (Single Wall Pipe)
Canada	SC20 50 ¹ / ₈ " x 41" CK20 50 ¹ / ₈ " x 40"	8"	18"	8"	18" (If K=18" Then J=84")

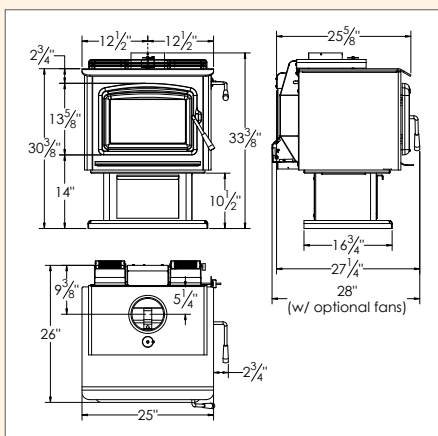
Clearance Diagrams



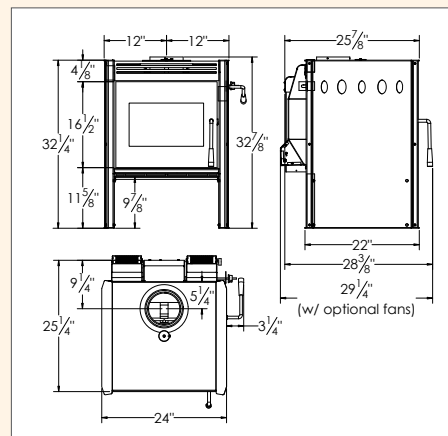
Sirocco 20 Leg



Sirocco 20 Pedestal



Chinook 20



The Benefits of Owning a Blaze King

Sirocco 20 and Chinook 20 Specifications

Sq. ft. heating capacity	900 to 1500 sq ft
Wood length (front to back)	Up to 16"†
Wood capacity (soft wood)	30 lb
Wood capacity (hard wood)	40 lb
Flue size	6"
Door opening	15.625" x 8"
Firebox depth (front to back)	16" (brick to brick), 18.5" (brick to glass)
Firebox width	17.5"
Firebox height	10.75"
Firebox capacity	1.8 cubic feet
Emissions	1.34 grams/hour
Maximum heat input*	309,404 BTU's
Heat output on high**	32,101 BTU's/hour for 8 hours
Low burn time°	Up to 20 hours
High burn time°	Up to 8 hours
Sirocco 20 Specs	
Approximate weight (firebox w/ pedestal)	420 lbs
Approximate weight (firebox w/ legs)	350 lbs
Chinook 20 Specs	
Approximate weight	320 lbs

*You can fit 40lbs of wood into the 20 size firebox (1.8cu.ft.). Based on an EPA recognized equivalent of one pound of non-resinous wood equal to 8,500 BTU's and one pound of resinous wood equal to 9,700 BTU's per pound, giving a weighted average of 9,100 BTU's per pound. (9,100 BTU's per lb. x 40lbs = 364,000 BTU's - 15% moisture Content = 309,404 BTU's).

**LHV 309,404 x 83% efficiency = 256,805 BTU's ÷ 8 hours = 32,101 BTU's. HHV 309,404 x 77% efficiency = 238,241 BTU's ÷ 8 hours = 29,780 BTU's.

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†Length of burn time, sq. ft. heated, Heat Output and BTU's depend on type of wood, moisture content, house insulation and climate conditions.

†It is possible to fit a 16" log into a Sirocco 20 and Chinook 20 stove but the best burning characteristics are gained when you use log lengths of 15".

Radiant Heat Radiant heat is like sunshine. Most surfaces of your Blaze King stove radiate heat so you feel the inner warmth you expect from a real fire.

Convection Heat The optional dual fan system recirculates room air over the hot surface of your stove. The fans spread this super-heated air evenly around your home.

Bio Energy By using renewable wood fuel in your clean-burning Blaze King you are reducing the amount of fossil-fuel emissions from other energy sources, lessening your impact on the environment. Because our stoves are amongst the cleanest and most efficient available, they merely release the CO² that plants absorbed over their life span.

Design Features The unique design of a Blaze King makes it possible for it to be placed close to a corner of a wall. This makes it ideal for a medium-sized room or for installation in tight alcoves.

The Sirocco and Chinook have a layer of bricks at the bottom of the firebox. As a result, all that is needed for floor protection is a spark protector. This will save you hundreds of dollars on your installation costs.

Door Design Every Blaze King has a steel frame around the door opening. Not only does this add strength to the firebox, but it creates a tight seal as it is pressed into the door gasket.

Our engineers built the door latch so it is adjustable. You can alter the tension on the gasket thus reducing the need for expensive replacements. The latch is also more durable because it is placed on the outside of the firebox.

Efficiencies The true efficiency for a wood stove is the number published by the US Environmental Protection Agency (EPA) on its web site. When comparing efficiencies of different brands you should always compare the EPA "Actual Measured Efficiency" and not the Optimum or Low Heat Value (LHV) number quoted by most manufacturers on their brochures. The LHV is not representative of how a stove performs in your home. The EPA actual measured efficiency number is a true reading of how your stove



performs in the real world. Blaze King has the top 2 most efficient wood stoves in North America and builds 5 of the top 8 most efficient stoves. Follow the link to the EPA web site for confirmation at: <http://www.epa.gov/Compliance/resources/publications/monitoring/caa/woodstoves/certifiedwood.pdf>.

Here you will see most other wood stoves listed at a default of 63% while the Blaze King stoves show efficiencies from the mid 70 percentile up to the highest available efficiency of any wood stove at 82%.

BLAZE KING

Sirocco 20 and Chinook 20 Features



Catalytic Technology Blaze King has been manufacturing wood stoves for over 35 years and was the first manufacturer to certify a clean-burning catalytic wood stove in December of 1984. We have continued to refine our catalytic combustion design and the Sirocco 20 and Chinook 20 embody nearly three decades of continuing refinement.



Thermostat control (No electricity required) Blaze King's built-in thermostat constantly monitors the heat output of your stove. It automatically adjusts the air required for combustion and maintains a constant comfortable room temperature all day or all night long.



Controlled Heat. All Night Long. The unique technology, where we combine the efficiencies of a catalytic combustor with a built-in thermostat, provides the longest burn times of any wood stove. You get a full night's sleep without having to reload your stove. It also means that when you return from work, your stove is still hot and your home is warm.



Easy to operate Light a fire as per the instructions in the owners manual. After you have established a good fire and the thermometer needle is well into the active zone simply select your heat setting. Your Blaze King will now automatically control the heat from your stove until you need to load it again. Which could be up to 20 hours later.



Burn 33% less wood The combination of our exclusive thermostat and catalytic combustor technology makes your Blaze King stove one of the most efficient wood stoves in the world. The proof of this is in our flue temperatures. Non Blaze King stoves have flue temperatures of between 600° F and 900° F while your Blaze King flue temperatures are between 150° F and 300° F. Non Blaze King stoves pump valuable heat up the flue. Your Blaze King catalytic stove keeps the heat in your home saving you money. By making your stove this efficient you will burn up to 33% less wood, cut, stack, load and clean 33% less wood. This is a major advantage that only a Blaze King offers.

Options

Sirocco 20 Options.

- Pedestal with Ash Pan
- Cast Iron Legs
- Ash Pan for Leg Model
- Cast Iron Painted Door
- Cast Iron Painted Door with Satin Nickel Trim
- Satin Nickel Door Handle

- Satin Nickel Bypass Handle
- Convection Deck
- Dual Fan System (requires optional Convection Deck)

Chinook 20 Options.

- Dual Fan System
- Ash drawer system with smooth gliding runners

Performance Features

- 1.8 cu. ft. large-capacity firebox
- 20 hours on low burn
- Heats from 900 to 1,500 square feet
- 16" maximum log length
- Thermostatically controlled
- Strong air wash helps to keep the glass clean
- Amongst the highest efficiencies available in any wood stove at 83% LHV (B415) and 77% HHV (B415)
- EPA tested to 1.34 grams per hour. This is one of the cleanest wood stoves available in the world
- A Blaze King catalytic stove will deliver even heat for up to 20 hours depending upon your heat setting. A regular wood stove produces heat at the beginning of a new fire, but then the heat fizzles out to a very low level after a few hours of burning
- Less Work. Split, stack and store up to a third less wood
- A cost-effective way to heat your home and give you comfort in knowing you are doing your part for the environment

*LHV = Low Heat Value, HHV = High Heat Value

Visit www.blazeking.com for more details on how Blaze King stoves are the most efficient available.

Specifications subject to change without notification.

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www.blazeking.com

