



Sirocco 30 / Chinook 30 / Ashford 30

# BLAZE KING 30 Series

## Free Standing Wood Stoves



Blaze  King

[www.blazeking.com](http://www.blazeking.com)

All Blaze King wood  
products qualify for  
US IRS 25C tax credit



Sirocco 30 with standard convection deck, optional pedestal base and ash drawer



Pedestal ash drawer



Cast iron door with optional satin trim and handle



Sirocco 30 with standard convection deck, optional ash drawer and optional legs

# SIROCCO 30

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

**Customize** You can customize your Sirocco 30 to match the decor of your home by choosing either the Pedestal or Cast Leg version. You can complete your styling preferences by choosing the available Satin Trim accents.

**Correct Firebox Size** It is important to pick the correct stove size to heat your home. At 2.84 cu. ft. the Sirocco, Chinook, and Ashford 30 have larger sized fireboxes. All Blaze King catalytic stoves are thermostatically controlled which allows you to regulate the heat output, making them usable in a wide variety of home sizes.

Specifications: Sirocco 30	Real World Tested Performance
Efficiency	83%
Maximum Heat Input*	472,183 BTUs
Heat Output on High, BTUs	37,742 (EPA tested)
Heat Output on Low, BTUs	10,641 (EPA tested)
Square Feet Heated	1100 - 2400
Average Heating Time*	8 to 13 hours
Potential Run Time on Low*	30 hours
Emissions (grams/hour)	0.81 g/hr
Usable Firebox Volume	2.84 cu.ft.
Flue Size	6"
CO (g/min)	0.65

\* BTU, heat input and output and heating times depend on influences such as home size, home insulation, installation configuration, wood species, wood moisture content and climatic conditions.



Chinook 30 with standard convection deck, cast iron convection deck trim and standard easy glide ash drawer



Cast Iron Convection Air Grille



Satin Bypass Handle



Ash Drawer on Easy Glide runners with removable Ash Pan



Satin Door Handle

Specifications: Chinook 30	Real World Tested Performance
Efficiency	83%
Maximum Heat Input*	472,183 BTUs
Heat Output on High, BTUs	37,742 (EPA tested)
Heat Output on Low, BTUs	10,641 (EPA tested)
Square Feet Heated	1100 - 2400
Average Heating Time*	8 to 13 hours
Potential Run Time on Low*	30 hours
Emissions (grams/hour)	0.81 g/hr
Usable Firebox Volume	2.84 cu.ft.
Flue Size	6"
CO (g/min)	0.65

\* BTU, heat input and output and heating times depend on influences such as home size, home insulation, installation configuration, wood species, wood moisture content and climatic conditions.

# CHINOOK 30

**Design** The Chinook 30 has a modern European design with curved sides for a unique, soft appearance that will suit the decor of any modern home. The Standard Ash Drawer is mounted on specially engineered runners that provide a smooth, gliding action. The Chinook 30, Sirocco 30, and Ashford 30 are amongst the cleanest wood stoves available at 0.81 g/hr particulate emissions. Their 2.84 cu. ft. firebox is capable of running for up to 30 hours on low and has an average heating time of up to 13 hours.





Ashford 30 metallic black paint and standard easy glide ash drawer

# ASHFORD 30

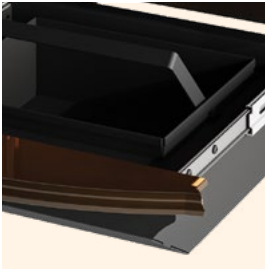
**Design** Our craftsmen used the timeless medium of cast iron to create a beautiful and elegant piece of furniture with detailed relief and curves. The Ashford is available in: Metallic Black or Cast Gray paint finishes and Chestnut Brown Porcelain Enamel finish.

Burled walnut is carved for the door and bypass handles. This creates a luxurious feel every time you use your stove. The adjustable, dual action door latch has a positive lock feel and is easy to operate.

The attention to detail is evident on the Ashford 30. For example, the Standard Ash Drawer is mounted on Easy Glide runners with a removable Ash Pan and Lid for smooth refined operation.

Specifications: Ashford 30	Real World Tested Performance
Efficiency	83%
Maximum Heat Input*	472,183 BTUs
Heat Output on High, BTUs	37,742 (EPA tested)
Heat Output on Low, BTUs	10,641 (EPA tested)
Square Feet Heated	1100 - 2400
Average Heating Time*	8 to 13 hours
Potential Run Time on Low*	30 hours
Emissions (grams/hour)	0.81 g/hr
Usable Firebox Volume	2.84 cu.ft.
Flue Size	6"
CO (g/min)	0.65

\* BTU, heat input and output and heating times depend on influences such as home size, home insulation, installation configuration, wood species, wood moisture content and climatic conditions.



Ash drawer on easy glide runners with removable ash pan



Burled walnut door handle with satin plated inset



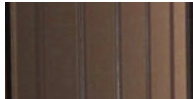
Ornate leg detail



Cast gray paint



Metallic black paint



Chestnut brown porcelain enamel



Ashford 30 Cast gray paint



Ashford 30 Chestnut brown porcelain enamel

Blaze King 30 Series Specifications

Clearances – Sirocco 30, Chinook 30 and Ashford 30

Minimum Clearance to Combustibles (See owner's manual for complete list prior to install)			
A – Side Wall to Side of Unit		10¾"	
B – Rear Wall to Back of Unit		6"	
E – Adjacent Wall to Corner of Unit		4"	
J – Minimum ceiling height above stove		37"	
K – Horizontal Flue to Ceiling (USA)		18"	
L – Center of flue to edge of door opening		15¾"	
(In Canada, if K=18", then J=49")			
Hearth Protection			
G – Edge of Hearth Pad to Side of Unit (USA)		Chinook 3" (USA)	8" (Canada)
		Sirocco 3¾" (USA)	8" (Canada)
		Ashford 3" (USA)	8" (Canada)
H – Door opening to edge of ember protection		16" (USA)	18" (Canada)
I – Rear of stove to edge of ember protection		0" (USA)	8" (Canada)
* Mobile Home: Must use Fan Kit or Rear Shield & Double Wall Pipe and Fresh Air Intake Kit			
* Check Local Codes/Pipe Manufacturer Requirements for Clearances. In all of Canada and most of USA, 18" Clearances from single Wall Pipe are required.			
In Canada, this appliance is not approved for installation into an alcove.			
In USA, please adhere to minimum safe clearance dimension as per owners manual.			

Options

Sirocco Options

- Pedestal with Ash Drawer
- Cast Iron Legs
- Ash Drawer for Leg Model
- Cast Iron Door
- Cast Iron Door with Satin Trim
- Dual Fan Kit
- Fresh Air Kit
- Rear Heat Shield

Chinook Options

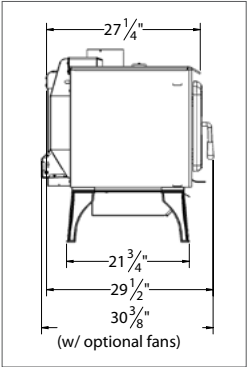
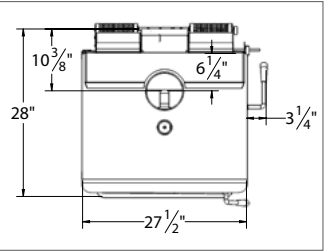
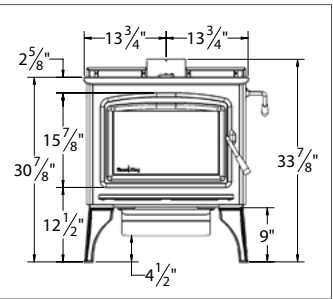
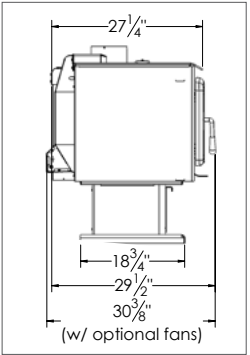
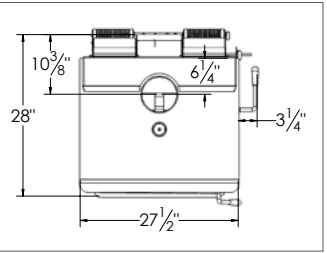
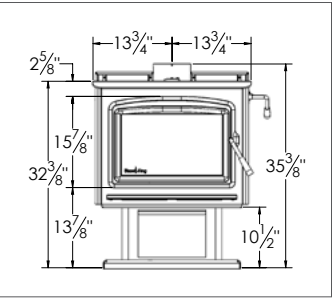
- Dual Fan Kit
- Rear Heat Shield
- Fresh Air Kit

Ashford Options

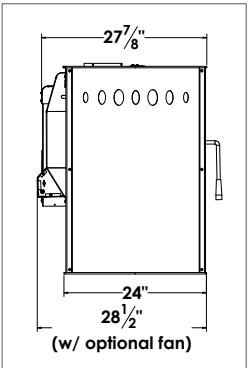
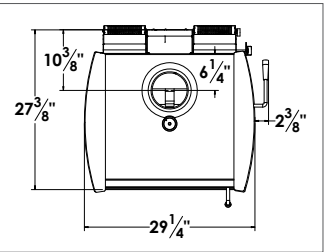
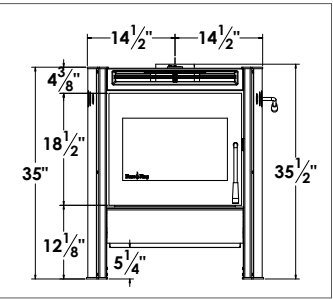
- Choice of colors - Metallic Black Paint, Cast Gray Paint, Chestnut Brown Porcelain Enamel
- Dual Fan Kit
- Fresh Air Kit

Dimensions

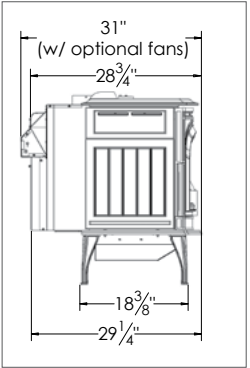
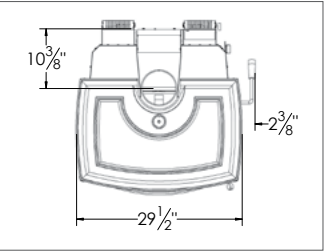
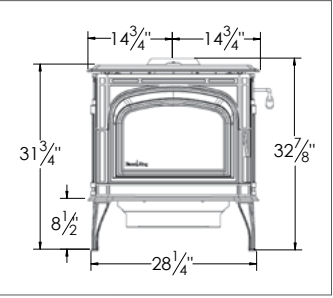
Sirocco 30



Chinook 30

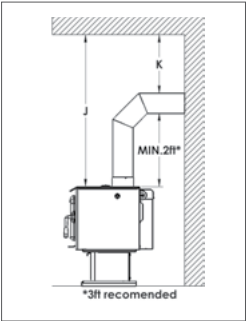
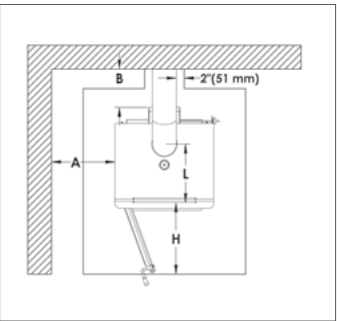
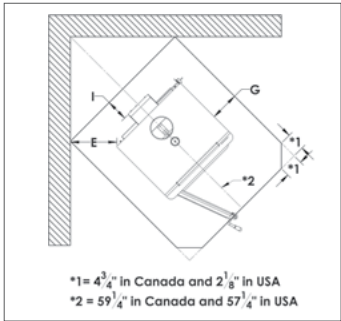


Ashford 30

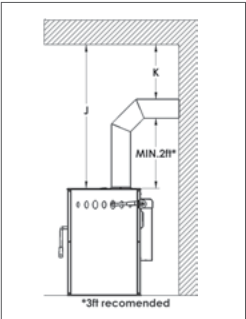
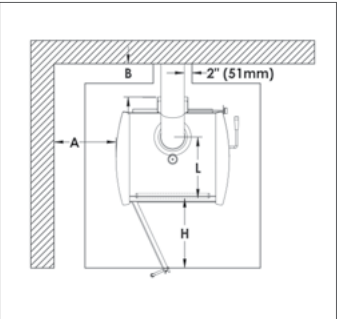
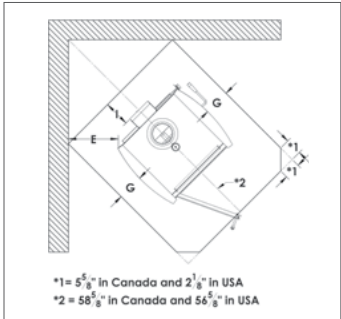


Clearances

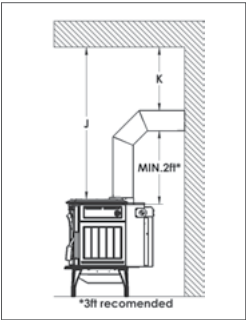
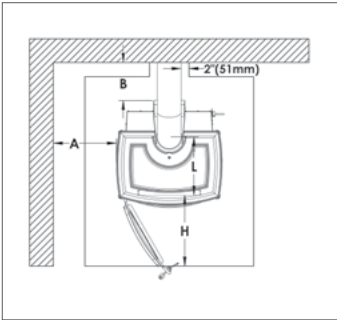
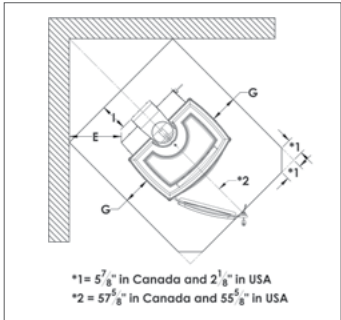
Sirocco 30



Chinook 30



Ashford 30



Specifications – Sirocco 30, Chinook 30 and Ashford 30		
Heating capacity - Sq. ft.	1,100 to 2,400	
Wood capacity (soft wood) - Lbs.	40	
Wood capacity (hard wood) - Lbs.	60	
Flue size	6"	
Door opening	18 <sup>5</sup> / <sub>8</sub> " x 9 <sup>7</sup> / <sub>8</sub> "	
Firebox depth (front to back)	18" (brick to brick); 20½" (brick to glass)	
Firebox width	20"	
Firebox height	12 <sup>7</sup> / <sub>8</sub> "	
Firebox capacity - cu. ft.	2.84	
Emissions - Grams/hour	0.81	
Maximum heat input*	472,183 BTUs	
Heat output on high, BTUs*	37,742 (EPA listed)	
Heat output on low, BTUs*	10,641 (EPA listed)	
Run time on low*	Up to 30 hours	
Heating time on high*	Up to 10 hours	
Approximate weight – Sirocco	415 lbs. on pedestal, 385 lbs. on legs	
Approximate weight – Chinook	450 lbs.	
Approximate weight – Ashford	513 lbs.	

\* Heating capacity is determined by geographic location and actual heat loss calculation of the dwelling.



## The Benefits of Owning a Blaze King

**Bio Energy** By using renewable wood fuel in your clean burning Blaze King, you are reducing your output of fossil fuel emissions and your impact on the environment. Our stoves merely release the amount of CO<sup>2</sup> that a tree would absorb over its lifespan. Blaze King stoves are amongst the cleanest and most efficient stoves available.

**Radiant Heat and Convection Heat** The Sirocco, Chinook, and Ashford deliver the same amount of heat and have the same efficiencies. Each model delivers the same efficient warmth but does so in different ways.

The Sirocco has a ¼" plate steel firebox top, that is in direct contact with the room air. Soon after a fire is established, the surface of the stove heats up and quickly radiates the heat to the room.

The Chinook is built with a second layer of steel surrounding the firebox. This layer helps channel the convection air over the firebox to the front of the stove. The air becomes super heated as it is in contact with the firebox for a longer period of time, thus removing more of the heat through the convection process. As the second layer is heated it will radiate its stored energy back into the room.

The Ashford has a second layer of cast iron surrounding the firebox. The convection air is super heated as it is channeled over the firebox for a longer time. The cast iron layer takes time to heat up. After it is heated it is very efficient at retaining this heat and radiating it back into the room over an extended period of time.

**Long Run Times** The 30 size firebox is able to stay lit for up to 30 hours. In the real world the most important thing is to get over-night heat. By pushing the boundaries of long run times Blaze King is able to deliver that all important night’s sleep. The 30 firebox can deliver a heating time of 12 to 16 hours even in the coldest of climates.

**Efficiencies** The true efficiency for a wood stove is the number published by the US Environmental Protection Agency (EPA). When comparing efficiencies of different brands you should always compare the “Actual Measured Efficiency” (HHV) as listed on the EPA web site. This number is a true reading of how your stove performs in the real world. All Blaze King stoves have efficiencies between 78.7% and 83%. Blaze King is the only company to ever achieve an 82% and 83% efficiency, being the highest certified efficiency (HHV) of any wood stove or insert. Follow the link to the EPA web site for confirmation at: <http://www.epa.gov/compliance/resources/publications/monitoring/caa/woodstoves/certifiedwood.pdf>.

### Run Chart: Ashford, Sirocco, Chinook

The graph below shows the results of a test run by Blaze King Industries, Inc. on a Chinook 30. The lines on the graph represent how the stove performed during the test. The recordings were started when the combustor reached 800° F. The firebox was loaded with 58 lbs. of Western Larch. The thermostat was closed down to a low setting and the test was run on that single load.

**A**—The Blue line shows the weight of the wood or stored energy/potential

heat. The reduction in the weight of the wood load is greatest in the beginning as the moisture is boiled out of the wood. The blue line shows a very gradual & even reduction in the weight demonstrating the even heat output you can expect from a Blaze King catalytic wood stove.

**B**—The Red line shows the temperature of the catalyst as it captures the energy that would normally escape up the flue in ordinary wood stoves. Twenty four hours into the run, the wood collapses, releasing previously unused gases or smoke which is energy. This release of energy increases firebox temperatures and supplies more fuel to the catalyst. Note the

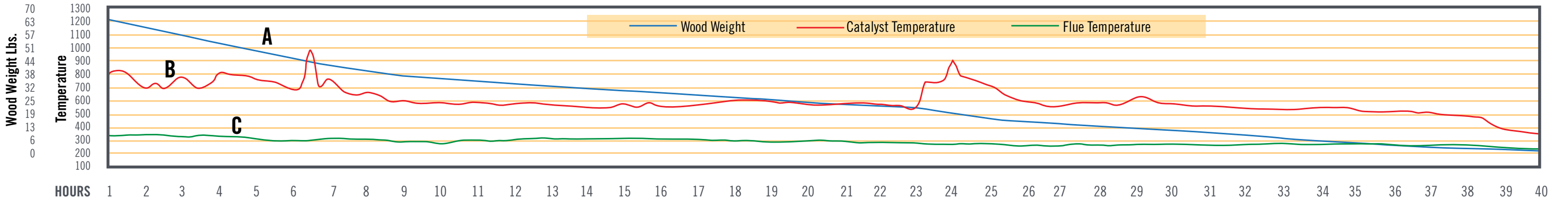
thermostat responds, controlling the air intake to the fire, automatically maintaining the desired low heat setting.

**C**—The Green line shows the flue temperature. The interaction of the combustor and the automatic thermostat makes your Blaze King one of the most efficient wood stoves in the world. The proof is in our flue temperatures. Ordinary stoves have flue temperatures of between 600°F and 900° F while your Blaze King flue temperature remains around 300° F. Ordinary stoves loose valuable heat up the flue. Blaze King stoves keep the heat in the home saving money and work. By

making your stove this efficient you will use up to 33% less wood. This is a major advantage that only a Blaze King offers.

**Note:** After 37 hours of continuous heating, the combustor temperature starts to fall below 550°F having run out of fuel (gases) and becomes inactive. The fire is not completely out as there is still a hot bed of coals in the stove ready to ignite the next load of wood.

For additional information on burning your Blaze King wood stove go to [www.blazeking.com](http://www.blazeking.com).



# BLAZE KING

## Sirocco 30, Chinook 30, Ashford 30 Features

**Catalytic Technology** Blaze King has been making wood stoves for over 40 years and has built a reputation for craftsmanship and performance that is unequalled. In 1983 Blaze King invented the first hybrid wood stove, using air tubes and a catalytic converter. A year later Blaze King received certificate number 001 for the first clean running wood stove in North America from the Oregon Department of Environmental Air Quality, which was a forerunner to today's EPA. A refined version of this technology is what you see in every catalytic Blaze King today.

**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. This unique technology, where we combine the efficiencies of a catalytic combustor with a built-in thermostat, provides the longest run 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.

**70% turn down** Fine-tuned automatic airflow, as our thermostat and catalyst work in tandem, allows you to turn down your Blaze King catalytic stove by up to 70%. Non Blaze King stoves only turn down by 33% and have little control over their heat output. Because of this most people use expensive electric heat in the spring and fall because they cannot control the heat output of their secondary air wood stove.

With a 70% turn down ability a Blaze king is perfect to heat your home in the shoulder season saving you money on heating costs.

**Easy to operate** After you light your fire the built in thermometer needle will move into the active zone. Then simply select the heat setting you want and your Blaze King will automatically control the heat output until you need to

load your stove again, which could be up to 40 hours later depending on the model.

**Use 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.

**Less Cleaning** All Blaze King stove's produce very fine ash because we extract every last drop of energy from the wood. As a result you can go for very long periods before you have to empty your stove.

**Door Design** Every Blaze King has a steel frame around the door opening. This adds strength to the firebox and creates a tight seal. Our door latch is adjustable to allow you to alter the tension on the gasket thus reducing the need for expensive replacements. The latch is more durable as it is placed outside the firebox.

**Lower Install Costs** Most non-Blaze King stoves require a thermal hearthpad. All Blaze King stoves only require spark protection which can save you hundreds of dollars on your install.

# Blaze King

[www.blazeking.com](http://www.blazeking.com)



## 10 Year Extended Warranty

Because we believe in the technology and craftsmanship built into every Blaze King stove, we are proud to offer a 10 year 100% extended warranty on your catalytic combustor.

All Blaze King wood products qualify for US IRS 25C tax credit

**E&OE.** Every effort is made to present accurate information in this brochure. Brochures are for marketing purposes and subject to change without notice. Please consult your owners manual prior to any installation.

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