

**Blaze  
King**

KING 1107

# King

*Model KEJ 1107*



*King Parlor With Optional  
Gold Door, Dual Jet Air Fans and Ash Drawer*

# King 1107



## Catalytic Models Ultra

Ultra models feature side shields and ash drawer, making them ideal for close clearance applications. The optional Convection Deck on the Princess is standard on the King model. The taller profile makes loading wood easier.



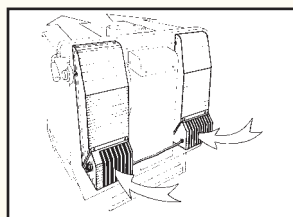
## Parlor

Parlor models feature shapely black cast iron legs yielding an elegant profile. Optional Gold or Onyx legs are available. The optional ash drawer design makes ash removal easy. Smooth lines make the Parlor design blend into home decor.



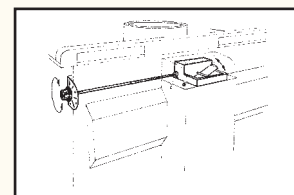
## Classic

The Classic model has been a favorite since 1977. Like the Ultra and Parlor models, choose from either a painted door or optional gold plated door. The optional Dual Jet Air blowers have proven desirable on all models.



## Dual Jet Air Fan System

Radiant heat is stopped by anything in its path. Blaze King solves this problem by using a dual fan system to move air over the firebox surface and circulate it into your home.



## Automatic Thermostat

Eliminates need for constant adjustment of draft controls associated with ordinary manual wood stoves. It automatically compensates for the natural uneven burning of wood.

## Superior Engineering

Blaze King® Classic Wood Stoves provide the optimum heating efficiency from solid wood fuel. When wood is initially burned in the firebox of your stove, as much as one-third of the woods energy is released as gases and liquid/vapor materials. Blaze King® catalytic combustor stoves capture these gases and materials and “burns” them instead of allowing this valuable energy source to escape up the chimney. This secondary burn capability means greater heat output and cleaner emissions from the wood consumed. Your overall consumption of wood is reduced while your heat output is increased.

## More Heat

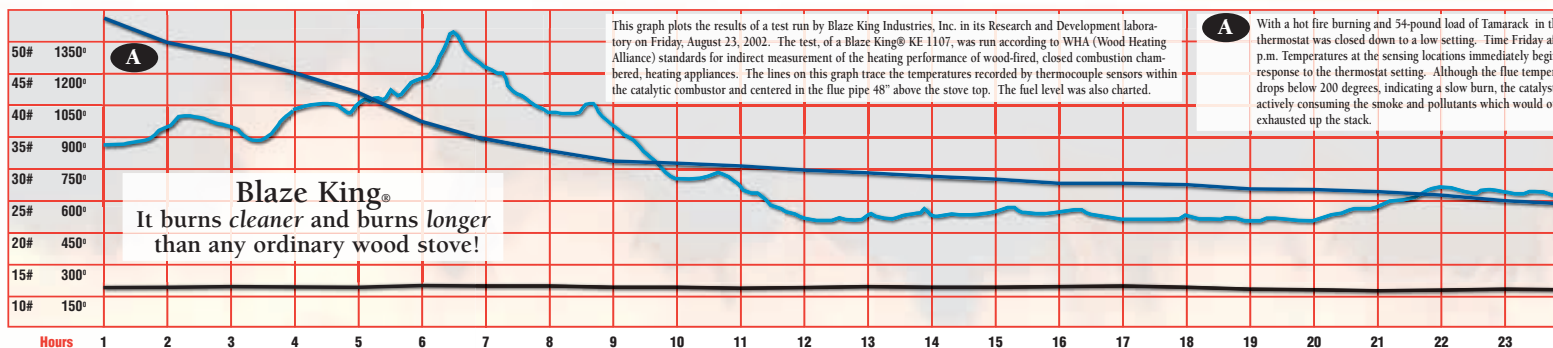
Blaze King® Classic Wood Stoves have large fire boxes lined with thermo-reactive fire brick which radiates heat directly into the room. They have been tested and certified with an overall efficiency of 82.5% for the KE 1107. For extended burn times, large logs can be used, and up to 80# of wood can be loaded, eliminating the hassle associated with the frequent reloading of smaller stoves.

## Special Features

A large viewing glass door allows the fire to be seen from different angles in the room, creating an atmosphere of an open fireplace. The warmth and beauty of the fire can be highlighted with the addition of the optional gold-plated door.

- Up to 90,000 Btu's (see opposite panel for details)
- Incredible 82.5% Efficiency
- Optional Gold Plated Doors
- 1400 Degree Ceramic Glass
- Optional Variable Speed Dual Fans
- Temperature Sensor Turns Fans off/on
- Mobile Home Approved (All Models)
- Limited-5 Year Warranty PLUS 6 years on Catalytic Combustor

## King Scientific Burn Chart Offers the Proof! Burns Longer, Cleaner & More Efficiently!



## King 1107

The King 1107 is available in Ultra, Parlor and Classic models. With a 4.32 cu. ft. fire box, this stove isn't just large but deep, providing safety, the ability to load up to 80 pounds of wood and reduce ash removal intervals. With an 8" flue and an honest to goodness thermostat, the King can burn up to 40 hours on a low setting. Produces up to 47,000 Btu's and efficiencies as high as 82.5%! Blaze King's optional dual variable speed fans are available on all King and Princess models and will help to spread the heat throughout your home. Emissions as low as 1.76 gr/hr. Standard painted door can be upgraded to goldplated. An optional fresh air kit also available.



*King Ultra Shown with  
Optional Satin Door.  
Side Shields, Ash Drawer &  
Convection Deck Standard.*



**King Classic** (dog sold separately)

## The Truth About Heating With Wood

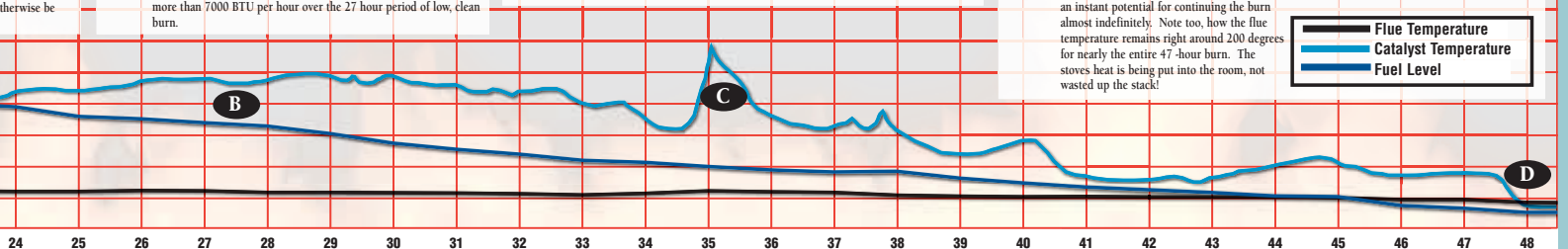
Blaze King Classic Wood Stoves provide optimum heating efficiency from solid wood fuel. When wood is initially burned in the firebox, as much as one-third of the woods energy is released as gases and liquid/vapor materials. Blaze King catalytic combustors capture these gases and materials and "burns" them instead of allowing this valuable energy source to escape up the chimney. This second burn capability means greater heat output, cleaner emissions from the wood consumed and a cleaner chimney! Your overall consumption of wood is reduced while heat output is increased. The "Real World" Btu's listed are what the average consumer can expect to achieve, with slight variations depending upon geographical location, type of wood, elevation and amount of fuel added. If you were to stand in front of your Blaze King Classic Wood Stove and frequently add fuel, burn the unit on high and have optimal conditions, your stove could produce as high as 90,000 Btu's.

the firebox, the  
fternoon 3:30  
n to drop, in  
ature soon  
t remains lit,  
therwise be

**B** Saturday, August 24, 6:00 p.m., 24+ hours at low burn and 22 pounds of fuel remain. Average fuel consumption so far 1.02 pounds per hour. Assuming a useful BTU/Pound from the Tamarack of 8,450 and an EPA weighted average overall heating efficiency of 82.5% for the model KE 1107, we get an average heat output of more than 7000 BTU per hour over the 27 hour period of low, clean burn.

**C** Peaks like this result from the burning wood collapsing, stirring up sparks and smoke (which sets off a flurry of combustor activity), and exposing unburned wood to the fire, resulting in rising firebox temperatures. Note how the thermostat responds to this increase, controlling the air intake to the fire, and automatically lowering the combustion to its previous operating level.

**D** After more than 47 hours of clean burning, the catalytic combustor finally goes out, having simply run out of fuel. The remaining volatiles are being consumed within the firebox, before they can reach the combustor. The fire itself is not completely out. A bed of hot coals remains, continuing to produce heat for more than an additional 7 hours! Adding more fuel during that time would recharge the fire and relight the combustor. That's more than 47 hours of continuous heating, with an instant potential for continuing the burn almost indefinitely. Note too, how the flue temperature remains right around 200 degrees for nearly the entire 47-hour burn. The stoves heat is being put into the room, not wasted up the stack!



# King 1107

## Specifications

	Classic/Parlor	Ultra
Square Ft. Heating Capacity <sup>1</sup>	2,000+	2,000+
Wood Length (Front to Back/Left To Right)	17"/23"	17"/23"
Wood Capacity (approximate)	Oak 90#	Oak 90#
Approximate Weight	435#	465#
Width	30"	31"
Depth	30"	30"
Heights (top of flue collar)	34 1/4"/37 1/2"	39 1/8"
Flue Size	8"	8"
Door Opening	17 3/4" x 10"	17 3/4" x 10"
Minimum Floor Protection <sup>2</sup>	34" x 45"	35" x 45"
Minimum Floor Protection In Canada	46" x 56"*	47" x 56"*
*18" Front / 8" Rear / 8" Side		
Combustion Chamber Cu. Ft.	4.32	4.32
Min. Rear Wall Clearance <sup>3</sup>	6"	6"
Emissions (Weighted Average EPA)	1.76G	1.76G
Low Burn Time (Average)	40 Hours	40 Hours
Convection Deck	Not Available	Standard
Ash Drawer	Optional	Standard
	Parlor Only	
Dual Jet Air Fan System	Optional	Optional



King 1107  
 Average EPA Test Fuel (Low Burn) 8,600 Btu's/hr  
 Average EPA Test Fuel (High Burn) 37,800 Btu's/hr  
 Average Real World Btu's (Low Burn) 8,400 Btu's/hr  
 Average Real World Btu's (High Burn) 47,000 Btu's/hr

NOTICE: Improper installation of your wood burning appliance or failure to operate it according to the guidelines detailed in the owners manual, may negate your warranty and endanger your home or family. Contact local building or fire officials about restrictions and installation requirements in your area. Photos and illustrations are for descriptive purposes only. Changes dictated by the manufacturer's continuing design improvement programs may not be shown. These products are covered by one or more patents in the United States, Canadian and other countries. All Blaze King® Industries products are manufactured under license agreement from: Blaze King® Industries, 146 A Street, Walla Walla, WA. 99362 and in Canada by Blaze King® Systems Inc. 1290 Commercial Way, Penticton BC V2A3H5. Design and specifications subject to change without notice. 01/11 CP78135 5M

## Common Specifications

Certified to comply with July 1990 Standards, US (EPA) Environmental Protection Agency

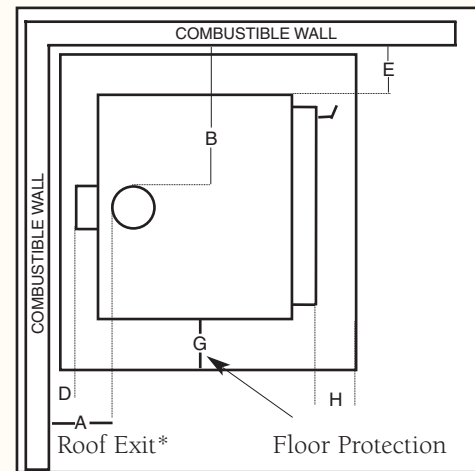
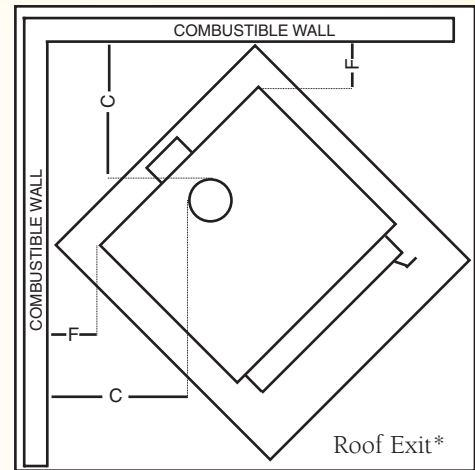
1. Subject to locality, home design, home insulation condition and fuels.
2. Any non-combustible material.
3. Requires Close Clearance /Mobile Home Kit. See stove label or owners manual for specifics. Note: Princess 1006Ultra comes standard with side shields.

For Alcove & Wall Exit Installations refer to Owners/Operators Manual.

All Units Are EPA And Washington State Approved.

Overall efficiency is based upon burning your stove on low, medium low, medium high and high burn rates. Low Heat Value (LHV) is the European method of testing efficiency and excludes any Btu's consumed in an effort to extract all the moisture from the wood fuel. Blaze King prefers the overall efficiency given it best reflects real world performance.

Overall Efficiency	82.5%
Low Heat Value (LHV) Efficiency	91.7%



\*Figures below are for roof exit only. Refer to Owners Manual for other applications.

	Single Wall Standard Install	Mobile Home/ Reduced Clearances
A.	16.50"/ 398mm	13.50"/ 326mm KE
B.	27.00"/ 652mm	21.00"/ 507mm KE
C.	25.00"/ 603mm	17.00"/ 410mm KE
D.	9.00"/ 217mm	6.00"/ 145mm KE/PE
E.	16.00"/ 386mm	10.00"/ 241mm KE/PE
F.	14.00"/ 338mm	6.00"/ 145mm KE/PE
G.	2.00"/ 48mm	2.00"/ 48mm KE
G.*	8.00"/ 192mm	8.00"/ 192mm KE
H.	16.00"/ 386mm	16.00"/ 386mm KE/PE
H.*	18.00"/ 432mm	18.00"/ 432mm KE/PE

\*Canadian Clearance



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