



The Ultimate  
in Solid Fuel Heating

# ***Bay 2000C***

*Fireplace Insert and Freestanding Woodstove*



*Manufactured exclusively in Chippewa Falls, WI USA*

© 2010 RJM Manufacturing, Inc.

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

## ENERGY INDEPENDENCE

For over 30 years, **ENERGY KING** solid-fuel heating appliances have provided homeowners with energy independence by offering high-quality, long-lasting solid-fuel home heating options.

Burning wood for heat is as old as civilization itself. More than any other major fuel, wood provides us with energy independence – an easily available, locally produced and renewable source of heat on which we can rely. By choosing to heat their homes with wood, owners of **ENERGY KING** Bay 2000C woodstoves & fireplace inserts are choosing energy independence!

## STYLE

The **ENERGY KING** Bay 2000C is as versatile as it is reliable. As a freestanding woodstove, the **ENERGY KING** Bay 2000C can add a classic source of heat to your family's favorite gathering place. Or, you can increase the efficiency and heat output of your open masonry fireplace by installing the **ENERGY KING** Bay 2000C as a fireplace insert.

The **ENERGY KING** Bay 2000C's elegant 3-panel door provides a broad view of the fire behind glass that is continually swept clean by the Bay 2000C's air-wash system. The removable ash pan and circulation blower system are both concealed behind the hinged lower grills so as not to detract from the fire's aesthetic appeal.

Available in rich Goldenfire Brown or classic Charcoal Black and accented with polished brass handles and trim, the **ENERGY KING** Bay 2000C can easily complement the décor of any home.

Whatever your style, you can be confident that the **ENERGY KING** Bay 2000C woodstove or fireplace insert will provide exceptional performance and value.



## VALUE

Value is key when it comes to home heating. So, when designing the **ENERGY KING** Bay 2000C, we focused on creating a product that will perform efficiently, that will outlast the competition, and that will fit into any home's décor.

Some of the key features that increase the value of **ENERGY KING** Bay2000C woodstoves & fireplace inserts are:

- **Tested to UL standards**  
The **ENERGY KING** Bay 2000C woodstove is tested to UL1482 standards, while the **ENERGY KING** Bay 2000C fireplace insert is tested to UL127 standards.
- **Greater Heat Output & High Efficiency**  
With a heat output of up to 34,600 BTU/hr and an efficiency of 78.5%, you can be sure you'll get the most value from your fuel.
- **Exceptional Durability**  
**ENERGY KING** products are built to last, with most having an average lifespan of 20 – 25 years.
- **Removable Ash Pan Standard**  
While many fireplaces and woodstoves still require you to shovel ashes out of the burn chamber, all **ENERGY KING** products, including Bay 2000C woodstoves and fireplace inserts, come standard with a removable ash pan for quick and easy cleanup.
- **Large Burn Chamber**  
A generously sized burn chamber combined with high efficiency means you can expect an average burn time of about 6 – 8 hours, so you'll spend less time refueling.
- **Circulation Blower standard**



## TROUBLE-FREE INSTALLATION AND EASY OPERATION

Whether using the **ENERGY KING** Bay 2000C as a free-standing woodstove, or as a fireplace insert, the installation process is fairly simple. Following the instructions found in the **ENERGY KING**

Bay 2000C owner's manual, your heating contractor will assemble and position the appliance and connect the smoke outlet to your listed, high-temperature chimney. The blower is powered by a cord which plugs into a standard 110-volt outlet.



Once the installation is complete, operation is a simple matter of building a fire and setting the burn rate using the touch-sensitive draft control. Then you can sit back and enjoy the splendor of the flames!

## HEAVY DUTY HEATING

Our dedication to serious whole-home heating is evident in the **ENERGY KING** Bay 2000C woodstove & fireplace insert. From its heavy steel construction, to its high BTU output, the **ENERGY KING** Bay 2000C is designed to provide your home with both value and comfort.

The 2000-degree heat retentive firebrick lining the **ENERGY KING** Bay 2000C's burn chamber help the appliance to maintain the high temperatures necessary for maximum efficiency and minimum emissions.

The **ENERGY KING** Bay 2000C features dual catalytic combustors which "burn" the gases and particulates in smoke that are not normally consumed during combustion. The burned gases and particulates result in higher efficiencies, extremely low emissions and extra heat for your home, adding value to your fuel dollar and protecting the environment.

## ELEMENTS OF EXCELLENCE

### 1. Preheated Combustion Air

For maximum efficiency and minimum emissions, incoming air is preheated before being introduced into the burn chamber.

### 2. Air-Wash System

Preheated air is channeled down across the glass, forming a shield across the **ENERGY KING** Bay 2000C's generous viewing area to provide a clean, clear view of the fire.

### 3. Dual Catalytic Combustion System

The catalysts in the **ENERGY KING** Bay 2000C dual catalytic combustion system are easy to remove for cleaning and are supported by a durable housing assembly.

### 4. Firebrick Lining

A complete firebrick lining maintains high internal temperatures for efficient, complete combustion.

### 5. Double Wall Steel Firebox

### 6. Three-Speed Circulation Blower

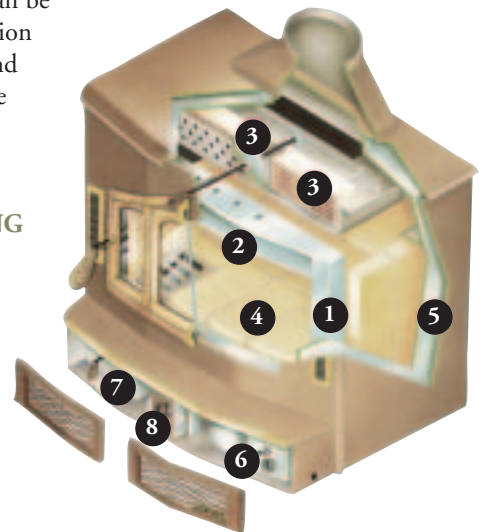
The thermostatically controlled 3-speed blower moves 230 cubic feet of heated air per minute. The blower is easily removed for cleaning and maintenance.

### 7. Large Removable Ash Pan

All **ENERGY KING** solid-fuel heating appliances come with a removable ash pan for quick and easy clean-up of fine ash accumulation.

### 8. Easy-To-Operate Draft Control

The manual draft control knob located below the fuel loading door can be set at any position between low and high to regulate the amount of combustion air entering the **ENERGY KING** Bay 2000C's burn chamber.



## ABOUT ENERGY KING

American-made with pride for over 30 years, **ENERGY KING** heating appliances have maintained a commitment to providing quality solid-fuel home heating options. Our experienced engineers know what it takes to build solid, long-lasting heating equipment. We use the latest technology to design and build our products, with particular attention to safety, efficiency, reliability, and ease of use. Our ultimate goal is to combine these aspects to guarantee our customers a solid product built for a lifetime of top performance.

**ENERGY KING** solid-fuel heating appliances continue to be manufactured exclusively in Chippewa Falls, WI USA.

**ENERGY KING™** is a trademark of RJM Manufacturing, Inc.

## ENERGY KING Bay 2000C Specifications

MODEL	Fireplace Insert	Freestanding Woodstove
Dimensions (H x W x D)	23-3/4" x 33" x 24"	35" x 33" x 24"
Required Hearth Opening (H x W x D)	23-3/4" x 32" x 16"	N/A
Surround Dimensions (H x W)	31" x 45"	N/A
Shipping Weight	460 lbs.	510 lbs.
Heating Capacity (BTU)*	11,400 – 34,600 BTU	11,400 – 34,600 BTU
Heating Capacity (Sq Ft)*	1,000 - 1,500 Sq. Ft.	1,000 - 1,500 Sq. Ft.
Burn Chamber Volume	2.3 Cu. Ft.	2.3 Cu. Ft.
Log Length	21"	21"
Cast Door Size (H x W)	12-1/2" x 23"	12-1/2" x 23"
Glass Viewing Area (H x W)	10" x 20"	10" x 20"
Flue Pipe Connector Size**	6" Flex or 8" Ovalized	6"
Cast Iron Ash Grate	Standard	Standard
Removable Ash Pan	Standard	Standard
Circulation Blower, 200CFM/3-Speed	Standard	Standard
Color	Charcoal or Goldenfire Brown	Charcoal or Goldenfire Brown
Trim	Traditional Brass	Traditional Brass
EPA Certified	Yes	Yes
Efficiency	78.5%	78.5%
Emissions	2.5 Grams per Hour	2.5 Grams per Hour
Complies with Test Standards for US	UL127	UL1482
Warranty***	5-Year Limited	5-Year Limited

\*The heating capacity specifications are provided as guidelines only and in no way guarantee the output or capacity of the units. The actual BTU output depends on the type of fuel being burned and its condition, the draft adjustments and the chimney into which the unit is installed.

\*\*All units require installation into a listed UL-103 Type HT factory-built chimney. Do not connect this appliance to a chimney flue serving any other appliance. It is the consumer's responsibility to make certain that both the appliance and installation are acceptable to their insurance company, as well as ensuring compliance with all local, state and national codes and regulations.

\*\*\*Quality backed with a 5 year limited warranty on materials and workmanship. Castings and electrical are backed by their manufacturers' warranties. Firebrick and gaskets are not warranted. A copy of the **ENERGY KING** warranty is available in every **ENERGY KING Installation, Operation & Maintenance Manual**, and is available online at [www.energyking.com](http://www.energyking.com).

**We are constantly improving and updating our products in order to provide the highest quality and value possible. We reserve the right to make changes and improvements without notice.**



Dealer: