



The Ultimate  
in Solid Fuel Heating

# **Silhouette**

*Zero-Clearance Wood Fireplace*



*(Model 2800 Silhouette Zero-Clearance  
Wood Fireplace pictured)*

*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 domestically-produced solid-fuel, owners of **ENERGY KING** heating appliances are choosing energy independence!

## STYLE

The comfort and romance of a wood fire can easily be added to your home with the **ENERGY KING** Silhouette wood fireplace.

Designed to present a clean, continuous look, the Silhouette's arched door provides a broad view of the fire behind glass that is continually swept clean by the fireplace's air-wash system. The removable ash pan and optional blower system are both concealed behind the hinged lower grill so as not to detract from the fire's aesthetic appeal.

The louvered upper and lower grills are available in either anodized aluminum for the look of polished brass, or classic black for a more contemporary look. Either way, the **ENERGY KING** Silhouette wood fireplace can easily complement the style of any home.

Once installed, the **ENERGY KING** Silhouette wood fireplace can be finished in any number of ways to complement its surroundings. You can add the drama of stone, brick, or marble. For a more contemporary look, you can try ceramic tiles. Or perhaps a traditional hearth and mantle are more your taste. Whatever your style, you can be confident that the **ENERGY KING** Silhouette wood fireplace will provide exceptional performance and appeal.



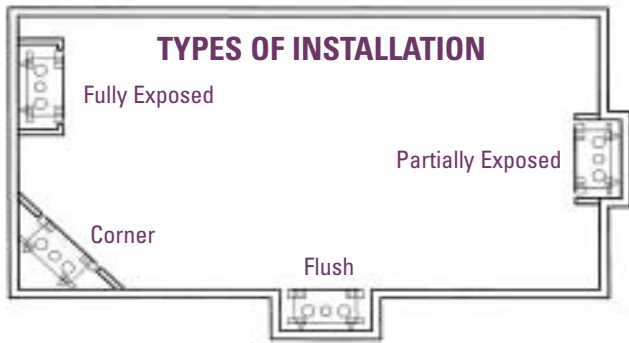
## VALUE

Value is key when it comes to home heating. So, when designing the **ENERGY KING** Silhouette wood fireplace, we focused on creating a product that will perform efficiently, that will outlast the competition, and that will fit into any home's décor to provide you with the greatest value.

Some of the key features that increase the value of **ENERGY KING** Silhouette wood fireplaces are:

- **Tested to UL127 & UL391 standards**
- **Greater Heat Output & High Efficiency**  
With a heat output of up to 65,000 BTU/hr (model 2800), and an efficiency of up to 80% (model 2850C), 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 the Silhouette series wood fireplaces, 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 4 – 6 hours, so you'll spend less time refueling.
- **Optional Circulation Blower & Side Heat Vent Kit**





### THE ZERO-CLEARANCE ADVANTAGE

A factory-built, zero-clearance wood fireplace, such as the **ENERGY KING** Silhouette wood fireplace has an insulated metal jacket around the inner firebox that enables the unit to be placed right up against interior or exterior walls with "0" inches between the fireplace and combustibles. More efficient than an open, masonry fireplace, the **ENERGY KING** Silhouette zero-clearance wood fireplace allows you to get the most heating value from your fuel while still enjoying the aesthetic appeal of a fireplace. And because the **ENERGY KING** Silhouette wood fireplace can be installed in a variety of configurations, you won't be constrained by placement limitations, except those required for safe installation.

### HEAVY DUTY HEATING

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

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

### EPA CERTIFIED

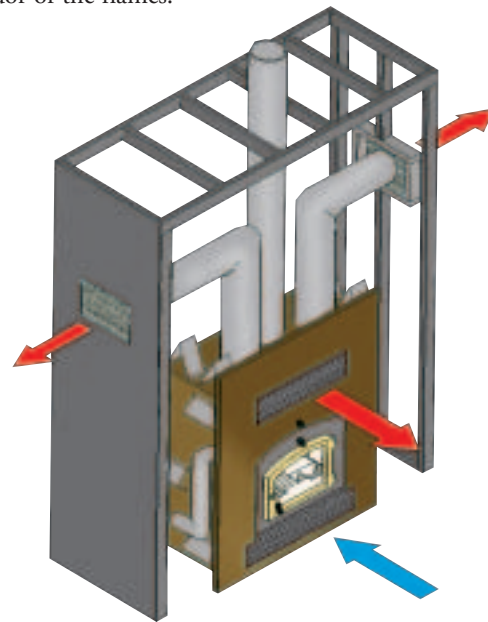
The EPA-certified **ENERGY KING** Silhouette model 2850C features dual catalytic combustors which "burn" the gases and particulates in smoke that are not normally consumed during combustion. The burned gases and particulates result in higher efficiencies, extremely low emissions and extra heat for your home, maximizing your fuel dollar and protecting the environment.

### TROUBLE-FREE INSTALLATION AND EASY OPERATION

The **ENERGY KING** Silhouette wood fireplace can be installed in a variety of configurations to fit into the layout of any home. Following the instructions found in the **ENERGY KING** Silhouette series owner's manual, your heating contractor will find that installation is as simple as framing the wall around the fireplace, connecting the smoke outlet to a listed high-temperature chimney, and providing an outside source of combustion air, which is required to ensure that the **ENERGY KING** Silhouette wood fireplace always has sufficient combustion air to operate safely and at maximum efficiency.

For maximum utility, you can add an optional circulation blower to push the heated air into your home, and an optional side heat vent kit to vent the **ENERGY KING** Silhouette wood fireplace's heat into adjacent rooms.

Once the **ENERGY KING** Silhouette wood fireplace's 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!



**OPTIONAL SIDE HEAT VENTS**

### 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 central 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**<sup>TM</sup> is a trademark of RJM Manufacturing, Inc.

## ENERGY KING Silhouette Specifications

| MODEL                               | 2800   | 2850C  |
|-------------------------------------|--|--|
| Dimensions (H x W x D)              | 56-1/4" x 48-1/2" x 26-1/4"  | 56-1/4" x 48-1/2" x 26-1/4"  |
| Required Hearth Opening (H x W x D) | 57" x 49" x 27"  | 57" x 49" x 27"  |
| Shipping Weight                     | 650 lbs.   | 650 lbs.   |
| Heating Capacity (BTU)*             | 65,000 BTU   | 34,700 BTU   |
| Heating Capacity (Sq Ft)*           | 2,500 sq. ft.  | 2,000 sq. ft.  |
| Burn Chamber Volume                 | 2.8 cu. ft.  | 2.2 cu. ft.  |
| Log Length                          | 21"  | 21"  |
| Cast Door Size (H x W)              | 17-1/2" x 23-3/4"  | 17-1/2" x 23-3/4"  |
| Glass Viewing Area (H x W)          | 14" x 20"  | 14" x 20"  |
| Flue Size**                         | 8" (standard)<br>or<br>6" with Optional Pipe Connector Reducer<br>(no offsets) | 8" (standard)<br>or<br>6" with Optional Pipe Connector Reducer<br>(no offsets) |
| Cast Iron Ash Grate                 | Standard   | Standard   |
| Removable Ash Pan                   | Standard   | Standard   |
| Circulation Blower, 200CFM/3-Speed  | Optional   | Optional   |
| Side Heat Vent Kit                  | Optional   | Optional   |
| Grill Style                         | Traditional Louvered   | Traditional Louvered   |
| Grill Color                         | Anodized Aluminum (standard)<br>or<br>Charcoal Black (optional)                | Anodized Aluminum (standard)<br>or<br>Charcoal Black (optional)                |
| EPA Certified                       | Exempt   | Yes  |
| Efficiency                          | N/A  | 80%  |
| Emissions                           | N/A  | 3.2 Grams per Hour   |
| Complies with Test Standards for US | UL127 & UL391  | UL127 & UL391  |
| 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: