



Bixby Biomass System

**High Tech
Energy!
Low Cost
Comfort!**



**Burns Corn,
Wood Pellets and
Biomass Pellets.**

FREE Log Set with Each Stove.

Introducing the Bixby Energy Biomass System

A system that adapts to your personal needs, assuring the ultimate in comfort and economical heating.

What is Biomass?

Biomass is plant material, either raw or processed. It means any plant derived organic matter available on a renewable basis. Put another way, biomass is stored solar energy that can be converted to fuel or electricity. The world contains vast amounts of biomass materials. More than any other resource, biomass is capable of simultaneously addressing the nation's energy, environmental, and economic needs. Biomass is the logical alternative fuel of the future!

Biomass Pellets & Dry Shelled Corn As Fuel

Working with the Agricultural Utilization Research Institute (AURI), Bixby scientists have developed high energy producing fuel pellets from biomass materials. Bixby's fuel pellets allow a wide variety of biomass materials to be used to create economical heat energy. Dry shelled corn is also a biomass material. Because of its size and compactness, the corn kernel has been often referred to as "nature's natural biomass pellet". Corn is plentiful, cheap, and has a very high BTU (heat energy) value!



The Bixby Biomass Combustion System

The secret to Bixby's high energy performance is oxygen. Oxygen is 100% of the reason why anything burns but only 21% of the air we breathe.

Bixby's MaxFire™ technology (*patent pending*) drives more air into the burn pot using its unique "vortex system" which allows the oxygen in the air to burn the fuel more completely.

The Bixby Biomass Corn Stove

The primary reason you are probably considering a corn stove is to save money on your heating bills. The Bixby Stove is designed to do that better than any other stove while providing features not available anywhere else. It is a *pure corn burner* too, not requiring you to buy special "burn additives" to help the corn to burn. And because it burns so efficiently, there is less ash to dispose of. The Bixby Stove also has a higher fuel moisture tolerance level, up to 19%!



Some stoves have to mix "burn enhancers" to the corn because they can't burn the corn efficiently. The Bixby Stove burns corn so efficiently that this is not necessary. (Actual combustion Efficiency: 99.7%). What this means to you is more heat per dollar, less ash to deal with, higher corn moisture tolerance, and no burn enhancers needed!

Automatic Starting

No more fooling with wood pellets and fuel gel to start your fire. Just push the "ON" button and the stove automatically dispenses the necessary amount of corn to the fire pot and ignites it in minutes!

Push Button Adjustment of Heat Levels

You can select the heat output of your choice (from 8,000 to 50,000 BTU's) simply by *touch adjusting* any one of 8 comfort levels. It connects easily to a thermostat as well. No complicated dials or levers to worry about!

Large Bin Holds 106 Pounds of Corn

Our large fuel hopper means you won't have to refill it as often. It will accept corn, wood pellets, and biomass pellets.

Ferris Wheel Feeder System

When cobs, stones, and nails jam auger type systems in other stoves, they can burn out the motor. Bixby's unique feeder design prevents that from happening.

Self Cleaning Fire Pot

The Bixby system is designed to burn the corn completely, resulting in a small "ash wafer" which it dumps periodically. Because of the unique two level pot system, it can do this while continuing to burn and heat.

No other stove provides these features and benefits!



Bixby's Engineers and Technicians

Designed a System that Sets a New Standard in Design, Quality, and Performance.

New Thinking

Bixby Energy's MaxFire™ Technology is not simply a modification of someone else's design. This revolutionary new system has been engineered one element at a time. Then each element and performance standard was integrated into one precision heating system, while never losing sight of affordability.

Design

To build the best biomass heating system, Bixby Energy's engineers embarked on an ambitious design program to develop the concept building blocks. Their research changed the way they viewed heat energy conversion, and intensified their commitment to dramatically improve how biomass heating systems work.

Uncompromising Performance Standards

The Bixby approach is evident in the way the system is designed. What we concluded from our "new thinking" was that the system we develop must solve all the problems typically associated with pellet type stoves.



The greatest challenge, and ultimately the key to the success of the Bixby System, was our ability to step outside traditional industry thinking. We had to keep the technical background in place, and reshape that knowledge into answers for age-old fuel-burning problems, while keeping in mind today's expanding environmental issues.

Product Quality

Our goal at Bixby Energy is to provide you with the finest biomass heating system available today. A stove made not only with quality in mind, but forward thinking. We're excited about this new dimension in heating - truly the next generation in biomass based heating.

BIXBY ENERGY

Not Just an Alternative but Your First Choice.

Bixby Energy's Biomass Stove System represents the state of the art in multi-fuel (Corn, Biomass or Wood Pellets) technology. Our patent pending, oxygen rich burn environment is technology exclusive to Bixby stoves and will provide you more heat energy from Biomass fuels than other systems. Clean burning and effortless to operate, environmentally sensitive, with many other exclusive features, the

Bixby stove is the best choice for your home heating needs.

Ask Us About



The Bixby Direct Vent "Pipe within a Pipe" System is designed specifically for all Bixby stoves. It is available in all Bixby stove colors to fit your interior design criteria.



Bixby Gold Dry Shelled Corn

Bixby Gold Dry Shelled Corn are corn kernels specifically cleaned and treated to be free of any cobs or fines which attract insects and rodents, and is moisture balanced to provide easy lighting and burning. Bixby Gold Dry Shelled Corn will provide a more consistent, dependable burn in all corn stoves.

Bixby Blue BioFuel Pellets

Bixby Blue BioFuel Pellets are specifically designed to provide a low cost fuel supply for Bixby Stove and Furnace Systems. Made from biomass materials, these fuel pellets are designed to repel moisture and provide a consistent burn in your stove at an economical price.

Specifications

Fuel: Multi-fuel System: uses dry shelled corn, wood pellets, or Bixby Certified Biomass Pellets.

Heating Area: Heating area will vary depending upon floor plan, heat loss and geographic location of home, stove venting configuration and climate.

Installation: Install in accordance with manufacturer's instructions and local codes, if any.

Shipping Weight: 350 pounds.

Electrical: 120 volt AC (All loads shown are *combined*).

Normal Operating Mode: 1.6 Amps

Ash Dump (5 seconds several times a day): 4 Amps

Ignition Mode: (Whenever initially starting the stove): 10 Amps

Tested and Listed by: OMNI-Test Laboratories, Inc.

Tested to: ASTM E1509, ULC C1482

Dimensions: Height: 33" Width: 28" Depth: 30"

Fuel Hopper Capacity: 106 pounds

Deluxe Trim Options: Nickel Plated or 24K Gold Plated (Doors & Vents).

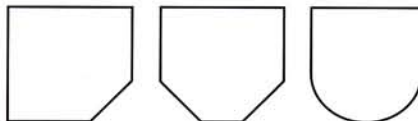
Color Options: Black (Standard), Silver, Blushtone, Navy Blue, Hunter Green.

Specifications subject to change without notice.



TechStone™ Hearth Pads

These pads are made from composite materials and are rated to meet all fire retardancy standards required for under-stove Hearth Pads. Incredibly lightweight and durable, they can be shipped individually via UPS. Available in three different styles (shown below). Contact us for more information about this exciting product.



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