

CORN AS AN ENERGY SOURCE

As consumers, we're all dealing with the high prices of conventional fuels such as fuel oil, propane, natural gas, coal, and firewood. Burning shelled corn as a fuel in a CORN FLAME™ Corn Burning Stove is a safe, practical way to battle the energy crunch, while at the same time, contributing to the betterment of our environment.



**CORN FLAME
ENERGY, LLC**

529 INDUSTRIAL DRIVE,
BEAN STATION, TN 37684

For inquiries or to place an order within
the United States, call 865-767-3006



CORN FLAME



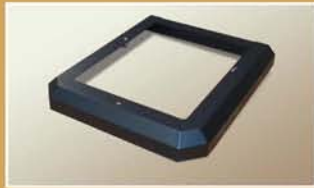
THE SMART WAY TO HEAT YOUR HOME

FEATURES & OPTIONS



Each stunning Cornflame model comes with a great number of options. Legs, base units and even the door of the stove are all available in various styles. Both the 3000 model and the 5000

model are available in classic black, with the option of nickel-plated or 24k- gold plated trim. 3000 units also come with the option of 24k- gold plated Queen Anne leg set.



DIRECT VENT KIT
Zero clearance direct venting. Optional venting available.

WHY USE CORN AS A FUEL SOURCE?

IT'S PRACTICAL - The use of shelled corn as a fuel source will reduce the United States' dependency on foreign sources of petroleum, while at the same time providing increased financial revenues for agricultural areas throughout this country. Plus, shelled corn is a fuel that can be produced within 180 days, compared to the millennia needed to produce fossil fuels

THE ENVIRONMENT - Shelled corn is a clean-burning fuel, as documented by several government studies concluding that there is less environmental pollution associated with burning shelled corn than fossil fuels. Furthermore, corn is very effective in pulling carbon dioxide from the environment and replacing it with oxygen through photosynthesis during the growing season.

THERE'S ENOUGH - Utilizing corn as a fuel does not compete with the food supply needed for nourishment throughout the world. Studies have shown that contemporary agricultural systems can produce sufficient quality and quantity of food for the world's population, with additional resources available so that agricultural products can be used as fuel, pharmaceuticals, and chemical feedstocks.

Fuel Type	BTU Value Per Unit	Units Required To Produce 1,000,000 BTUs	Fuel Price Per Unit*	Cost To Produce 1,000,000 BTUs	Appliance Efficiency	Effective Cost Per 1,000,000 BTUs
Shelled Corn	8,000 per lb.	125 pounds (2.23 bushels)	\$1.75 per bushel	\$3.90	85%	\$4.60
Electricity	3,413 per KWH	293 KWH	\$0.075 per KWH	\$21.98	100%	\$21.98
Natural Gas	100,020 per Cu. Ft.	1,030 Cu. Ft.	\$1.30 per 100 cu. ft.	\$13.39	85%	\$15.75
Fuel Oil	139,000 per gallon	7.1 gallons	\$1.00 per gallon	\$7.19	80%	\$8.98
LP Gas	91690 per gallon	11 gallons	\$1.69 per gallon	\$18.59	80%	\$23.23
Wood	16,464,000 per cord	0.0607 cords	\$150 per cord	\$9.11	60%	\$15.18
Wood Pellets	8,000 per pound	125 pounds	\$175 per ton	\$10.50	87%	\$12.00

Market prices will vary: cost comparisons may need to be re-calculated based on current community market conditions.

FACTS

Data taken from "BURNING SHELLLED CORN - A RENEWABLE FUEL SOURCE," by Dennis E. Buffington, Professor, Agricultural and Biological Engineering, Penn State University. For more information, go to <http://www.psu.edu/>.



MODEL 3000 CORN STOVE



With the look and craftsmanship of an antique wood burning stove- reminiscent of those found in country stores many years ago- the Model 3000 Corn Stove brings the unmistakable rustic feel of days gone by. The practical, consistent heat of a corn-burning unit and the feel of an old-fashioned stove are finally brought together.

MODEL 3000 SPECIFICATIONS

HOPPER CAPACITY 60 LBS.

HOPPER BURN TIME UP TO 48 HOURS

BTU RANGE 8,000 TO 30,000

HEATING CAPACITY UP TO 1,500 SQ. FT

CIRCULATING POWER 160 CFM

WEIGHT 150 LBS.

EXHAUST 3"

Extra features: Choice of standard or gold-plated legs;
choice of standard or gold-plated heat-resistant door.





MODEL 5000 CORN STOVE



If the traditional fireplace look is more your style, the Corn Flame Model 5000 is ideal. Attractive American craftsmanship in the form of a beautiful fireplace stove, adaptable to most any hearth. Snuggling up by the fire has never seemed more comfortable.



MODEL 5000 SPECIFICATIONS

HOPPER CAPACITY 70 LBS.

HOPPER BURN TIME UP TO 38 HOURS

BTU RANGE 8,000 TO 40,000

HEATING CAPACITY UP TO 2,000 SQ. FT

CIRCULATING POWER 320 CFM

WEIGHT 240 LBS.

EXHAUST 3"

Overall size: 41" x 28" x 21 7/8"

Extra features: Insert model available; stove base, and choice of standard or gold-plated heat-resistant door.

