



"I've used 485 gals. of fuel oil per season over the last five years," says owner-builder Gus McKee.

HEAT BILL SAVINGS PAY THE TAXES

New "Dome Home" Costs 50% Less

A Michigan family has been feeling the "energy squeeze" for the last five years by living in a plastic "dome home" that costs about half the going rate for building and heating a conventional home.

Gus McKee, of Mattawan, designed and built it himself, and has plans to put it on the market. His unconventional home is a clear span dome made of polyurethane foam. He first made a plastic balloon which he inflated and then sprayed on the outside with foam.

The resulting structure is one that combines insulation and support into the same material. The house has an insulation rating (R factor) of 35, which is much higher than wood or other conventional building materials.

The dome is 40 ft. in dia. and 20 ft. high at the center. It's "fireproofed" on the interior. Total living area is 1,965 sq. ft., including a 700 sq. ft. loft reached by a spiral staircase. It contains a kitchen, living-dining area, four bedrooms, two bathrooms and a utility room.

feature. Another is low heating cost. Says McKee: "I've used 485 gals. of oil per season over the last five years. The heating bill savings has been enough to pay taxes on the house."

He adds that insulation also keeps the house cool in summer. "This plastic 'dome home' is not the kind of construction a home owner can do himself," says McKee who is planning to market a complete shell of the 40 ft. home with an unfinished interior.

The complete shell will be fireproofed inside and have three sliding glass doors and three skylights. It will sell for about \$18,000, says McKee. "The interior can be finished for another \$12,000, to make a total package of \$30,000 — about half the cost of a conventional home of comparable size."

For more details, contact: FARM SHOW Followup, Gus McKee, Dome Homes, Route 1, Box 108, Michigan Highway 43, Mattawan, Mich. 49071 (ph 616 668-2077).



Total living area inside the 40-ft. dia. home is 1,965 sq. ft., including a 700 sq. ft. loft.

FARM SHOW

New Products Especially For Women And The Farm, Ranch Home.

MAKES 5 LBS. FLOUR IN 30 MIN.

Home Flour Mill Grinds Any Grain

"Natural is best," say makers of the All-Grain flour mill, a grain grinding unit for making your own flour at home.

"You can make up to 5 lbs. of flour in 30 min. using wheat, corn, soybeans — any kind of grain available," says Sam Classen, Newton, Kan., an All-Grain distributor. "You get fresh flour with no additives or preservatives and true, whole-grain food value."

The all-steel mill grinds with silicone carbide stones, powered by a 1/3 hp motor. Designed for continuous operation, both mill and motor are cooled by a small air turbine. All parts except the motor carry a lifetime guarantee.

Grain is loaded into the open top and fed out as flour from a spout in the mill's side. Variable settings pro-



All-Grain flour mill grinds all types of grains, as well as coffee.

duce grain varying from coarse to fine consistency.

You can grind any grain — even coffee — if the material is dry enough. Classen points out that oil-bearing grain, such as soybeans, must be especially dry. People use the mill for other things too, like grinding alfalfa for health food diets.

Cost for the smaller model, which weighs about 22 lbs. and has a 1/3 hp motor, is \$269. Two larger models also available.

For more information, contact: FARM SHOW Followup, Sam Classen, Rt. 5, Box 20, Newton, Kan. 67114, (ph. 316 283-4707).