



Largest of two Polar Poke walk-in freezers has 238 locker boxes (119 on each side of center aisle).

PORTABLE "POLAR POKE" FREEZER COMES PREFABRICATED, READY FOR INSTANT USE

Own Your Own Locker Plant

If your community doesn't have a locker plant, you may be interested in teaming up with several neighbors to get a new walk-in Polar Poke freezer from Emmert Mfg. Co., Inc., Audubon, Iowa. It's portable and prefabricated, ready for instant use.

Or, you may want to set up your own sideline business by retaining ownership in a Polar Poke freezer unit and renting out locker boxes to rural and urban families in the community. If you feed cattle or raise hogs, you could keep customers supplied with your own brand of "home grown" beef or pork.

"Currently, we have six units in use; however, they have only recently been offered for general sales," Fred Schapler, assistant general manager, told FARM SHOW.

Super Market specials and garden surpluses are naturals for the new freezer storage units. With meat, Schapler notes that the normal procedure would be to have animals butchered and the meat packaged and sharp frozen by a custom butcher-freezer service, then transferred to the Polar Poke freezer for storage. The units are not designed or equipped to handle the initial "sharp freezing" operation.

Two models are available: The largest is 10 ft. by 40 ft. and has 238 locker boxes (119 on each side with a 36 in. wide center aisle). Individual locker boxes are 16½ in. by 17¼ in. by 30¼ in. deep (5 cubic ft.) and hold approximately 250 lbs. of meat. The unit comes with a 5 hp Recold-Bohm freezer, positioned in the rear end wall, which maintains an inside temperature range of 0° to -10° F.

The smaller Polar Poke freezer is 10 ft. by 24 ft. and has 128 locker boxes. It uses a 3 hp Recold-Bohm freezer



Center aisle is warmed by infra-red heat lamps. Optional shelves for frozen food storage can be installed in place of locker boxes.

unit and maintains the same 0° to -10° F temperature range.

The Polar Poke freezers are well insulated (6 to 8 in. of urethane insulation) and will hold below-freezing temperatures for several days in the event of a power failure. They require a 60 amp, 220 V electrical hookup.

Made of all-welded I-beams, they're heavy yet portable and can be placed on concrete piers or slab. The insulation is covered both inside and out with ½ in. sheetrock; the exterior is aluminum shake siding in a variety of decorator colors.

"REDUCES HEATING BILLS UP TO 50%," SAYS MANUFACTURER

New Heater Made from Heat Lamps

Four infra-red heat lamps and a patented heat transfer system make up the new Molecular Infra Heater introduced by Energy Dynamics, Peoria, Ill.

"It's an entirely new concept in heating for farm homes, workshops or livestock buildings," a spokesman told FARM SHOW. "Our tests show it can reduce heating bills up to 50% over conventional heating systems."

The unit can be portable, built in, used as the primary heat source, or in combination with an existing heating system to provide supplemental heat.

"It requires no ventilation and ducting, and keeps heat on the floor because of the polarization and realignment of the molecular structure of the air as it is processed through the system," the manufacturer points out. "This causes the heated air to be more dense and therefore keeps heat in the floor area where people congregate and live — as opposed to conventional heating systems which heat the ceiling rather than the floor area."

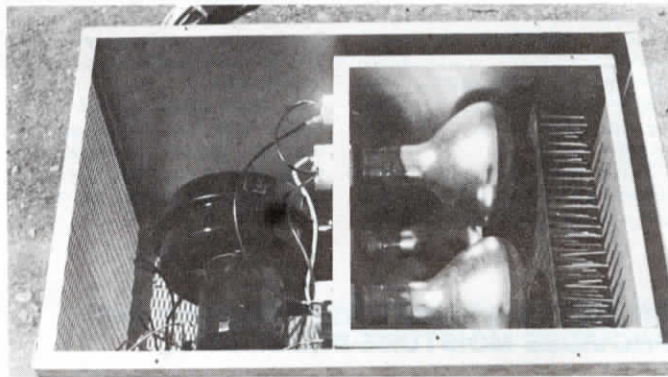
Here's how it works: Heat from the four 375 watt infra-red heat lamps (R-40 type) is transferred to a special bi-metal diffuser made up of bronze plates and 288 high-carbon rods. These rods resemble nails and are welded side by side like bristles on a steel brush.

"Air molecules are energized, polarized and activated with infra heat," the manufacturer explains. "In this way, utilizing the energy of the infra-red wave length, the molecular heater uses a minimum of electrical energy to heat a maximum of space. The principle is similar to the heating rays of the sun and takes advantage of the basic characteristic of air to reduce heating bills, eliminate cigarette smoke, and to maintain even heat between ceilings and floors, and from wall to wall, without the usual heat pockets or hot spots."

The manufacturer also notes that, in a building with an R-12 wall insulation rating, and an R-19 ceiling rating, the unit will adequately provide comfortable heating for 3,200 to 4,800 cu. ft. of space, depending on degree days of the area. It has a replacement equivalent of 25,000 btu output.

The unit is available in a wide variety of cabinet styles and wood finishes, and operates on standard 100 V electricity. With only one moving part — the built-in fan — it's virtually service-free, the manufacturer points out. Suggested retail is \$395.

For more details, contact: FARM SHOW Followup, Energy Dynamics Inc., 8811 N. Pioneer Road, Peoria, Ill. 61614 (309 692-0130).



Key components of the Alpha L Molecular Infra Heater are four 375 watt infra-red heat lamps, and a bi-metal diffuser system made up of bronze plates and 288 carbon rods resembling nails.

The center aisle is warmed by infra-red heat lamps which the customer switches on when entering. They go off automatically after a preset time interval.

The basic Polar Poke package includes the portable prefabricated building, freezer unit, locker boxes, aluminum shake siding, lights and heat lamps, aisle carpet, outside light, and a safety alarm. Optional shelves instead of locker boxes are available for bulk frozen food storage.

Each renter of a locker box provides his own padlock for his locker,

assuring him that no one else has a key to his private locker. Schapler says the going monthly rental rate for a Polar Poke locker box is \$5 for long term rental, and \$6 to \$10 for short term. Monthly expenses for electricity, taxes and insurance generally run from \$175 to \$200 for the larger 238 box Polar Poke freezer.

For more details, including price or lease information, contact: FARM SHOW Followup, Polar Poke Freezer Unit, Emmert Mfg. Co., Inc., Box 153, Audubon, Iowa 50025 (ph 712 563-4271).