

**GAS JETS KICK ON WHENEVER  
HOT WATER TAP IS OPENED**

## Heating Water Now A "Tankless" Job!

Energy savings "up to 60%" on your hot water heating bills are claimed for a new "tankless" hot water heater imported by a Vermont company.

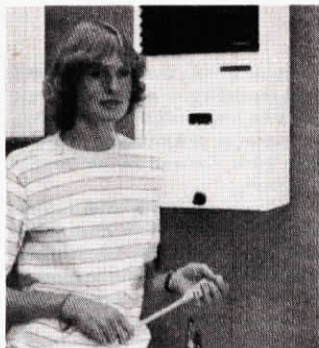
Controlled Energy Corp., of Waitsfield, has introduced the French-made Saunier Duval water heater in North America for household, recreational and agricultural use. It's an "instantaneous" water heater which requires no heat-robbing tank to store hot water for eventual use.

"The Saunier Duval heater kicks in whenever a hot water tap is opened. It instantly heats the water to as high as 145°F with a gas burner," explains Pierre Moffroid, president of Controlled Energy. "When a hot water tap is opened, a flow-sensing diaphragm trips a switch to light the gas jets and heat the water instantly. Since no hot water is stored, there is no continuous energy drain, as with a tank-type heater."

Either natural gas or propane can be used to fire the heater. Four models are available to supply from 30,000 to 96,000 btu's. The heaters use a burner bar with from 6 to 18 gas jets to heat the water.

The Controlled Energy Corp. offers several models, from a small unit suitable for a camper or RV to a large model designed for very large household needs. Several of the larger models will also adapt to agricultural use, or two of the smaller units can be teamed in-line to supply hot water in dairy barns and for other farm needs.

Mike Brown, a distributor for Mof-



**Tankless heater heats water instantly whenever hot water tap is turned on.**

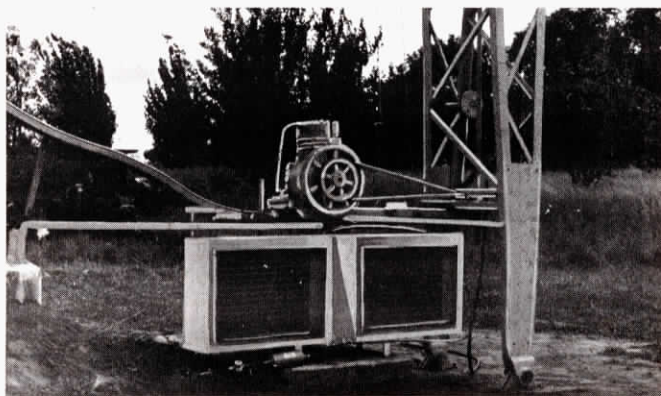
froid in Burnside, Pa., says energy savings have ranged from 24 to 60% in tests his company, Action Energy Products, has run. Brown explains, "As an example, I used to have a 40-gal. electric tank heater that was costing me \$40 a month to operate for my family of seven. Now, with a Saunier Duval tankless heater, it costs just \$20 a month."

Tankless water heaters also save a lot of space since there is no tank. Brown notes. For example, the largest model is only 33 in. high, 18 in. wide and 10.5 in. deep. The four Saunier-Duval tankless heater models retail from \$189 to about \$480.

For more details, contact: FARM SHOW Followup, Controlled Energy Corp., Box 19, Fiddler's Green, Waitsfield, Vt. 05673 (ph 802 496-4436).

# FARM SHOW

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



**This wind-powered compressor keeps water in underground tractor tire tubes frozen.**

**FOR REMOTE AREAS WHERE  
ELECTRICITY UNAVAILABLE**

## The Wind Powers This Refrigerator

A college physics professor in Iowa has invented an in-ground "refrigerator" kept cold by wind power.

"Works great," says Prof. Bob Franklin of Westmar College, Lemars, Iowa. His wind-powered refrigerator, invented for use in under-developed countries, could be adapted to most any remote area where electricity is unavailable.

Salvaged hardware was used, including truck differential and axle at the top of the tower. The two-bladed system follows the wind by use of a small turbine for correcting direction. A vertical shaft transfers power to the base of the tower, operating a refrigeration compressor.

An insulated pit in the ground contains six 13.8 by 38 in. tractor inertubes, stacked in the pit, and filled with water and copper tubing that carries in coolant from the compressor, freezing the water and keeping

food items in the "ice box" cool.

Franklin told FARM SHOW that the system, built under special grant, is made mostly of salvaged used materials. The inner tubes are insulated from the ground and, once frozen, they keep the "refrigerator" cold for about two weeks. More insulation, Franklin notes, might extend the time two more weeks, which could be important during windless seasons.

An 18-20 MPH wind, creating about 3 hp, is required to operate the system. Franklin notes that a 20 MPH wind has about eight times the power of a 10 MPH wind.

A packet of information on design of the system, including several drawings showing mechanism detail, is available from Franklin at a cost of \$2. Contact: FARM SHOW Followup, Prof. Bob Franklin, Route 5, Lemars, Iowa 51031 (ph 712 546-6876).

## "Think Big" With Oversized Pop Art

A company in New York has capitalized on the American motto to "Think Big". They've converted big thoughts into big products — really big.

For example, how would you like to have a 57 in. toothbrush in your bathroom? A 52 in. hanger in your bedroom? A 2 ft. clothes pin or a crayon that's 5 ft. tall?

Here are typical items you can buy, and their cost:

A 4 ft. can opener, \$145; a 24 in. clothespin, \$35; a 6 in. cup on a 13 in. saucer, \$55; an 8 in. golf ball, \$30; 5 ft. toothbrush, \$150; or a 10x13 in. matchbook, \$10.

Shipping charges are an additional \$5 to \$20, depending on size of the item and shipping distance. Shipments are by United Parcel Service.

You can write for a catalog and price list. Contact: FARM SHOW Followup, Pop/Eye Productions, 390 W. Broadway, New York, N. Y. 10012 (ph 212 925-7300).



**Each item is identical to the real thing, only many times bigger.**