LETS YOU CALL HOME TO REGULATE HEATERS, MOTORS OR LIGHTS

Phone Operates New Fuel Saver

Latest new fuel saver is Enercon, an electronic device no bigger than a pack of cigarettes that controls theremostats or switches by telephone.

Let's suppose you and your family are returning home from a trip. Within an hour from home, you pull off the highway to call home. Your call turns up the thermostat so that when you walk into the house its warm as toast. While you were gone, the thermostat was turned down to save fuel.

Or, suppose it's your job to turn the furnace up early every Sunday morning in your rural church. Instead of having to drive over a couple of hours before church begins, you simply dial the church's number and turn up the thermostat by phone.

There are dozens of other applications for Enercon. You can use it to turn crop dryers or irrigation motors on or off, or to control lights or fans in feedlots or barns — all by telephone.

Enercon consists of a transmitter which you carry with you in your pocket, and a receiver which mounts on a wall close to the switch you want to turn on or off, or the thermostat you want to turn up or down. The transmitter's only function is to send out a tone which activates the receiver.

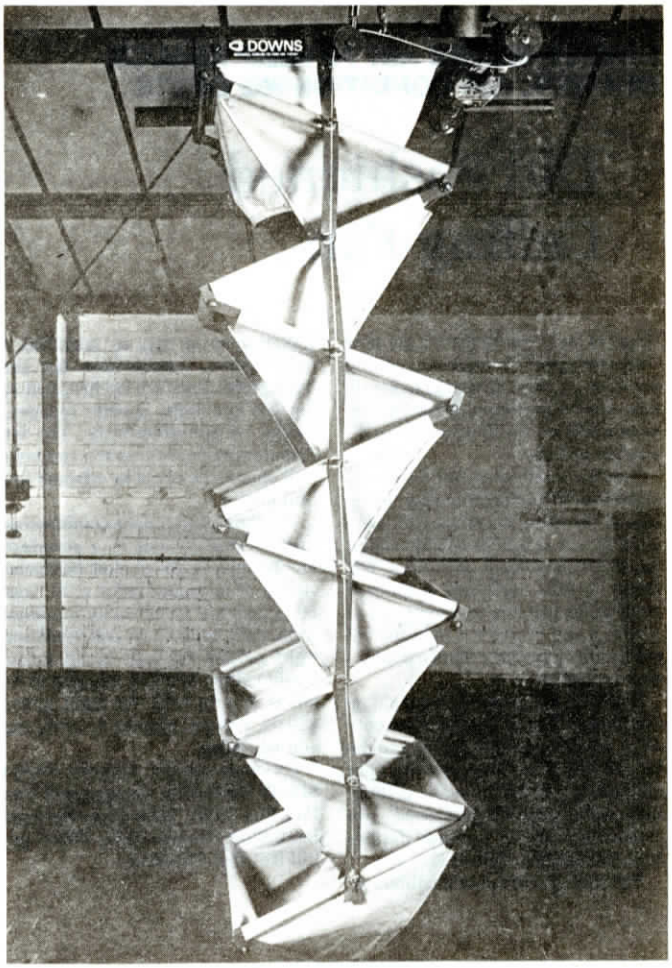
When you telephone home to turn up the thermostat, for example, you dial the number. As soon as you hear that the phone at home is ringing, you hold the transmitter to the mouthpiece, then push its "transmit" button. The Enercon receiver at home acknowledges with its own tone signal to let you know that it "got the message". The receiver then proceeds to automatically turn up the thermostat to room temperature (or whatever setting you pre-selected before leaving home).

The same phone call that turns up the thermostat in your home in winter can also be used to turn on the air conditioner in summer. Once you're home, the receiver is switched to "off" and the heating/cooling thermostat operates normally, and the phone, which operates in parallel with Enercon, rings normally.

Installation of the system is relatively simple, according to Dan Souder, president of Enercon. The system works with most commonly used thermostats.

Suggested retail of an Enercon transmitter and receiver set for operating thermostats is $160.00. Controlling appliances and larger motors by phone requires extra relays and a somewhat more elaborate hookup.

For more details, contact FARM SHOW Followup, Enercon, c/o Fortess Hill Electronics, Route 3, Browerville, Mn. 56438 (ph. 612 594-6429).



The Zig-Zag chute automatically unloads up to 60 tons of potatoes per hr. from a height of over 8 ft. Crop is gently "walked" down in zig-zag fashion to prevent damage. As pile height increases, the chute retracts up within itself without restricting flow of material.

DESIGNED PRIMARILY FOR POTATOES, IT GENTLY "WALKS" SPUDS DOWN A CHUTE

"Zig Zag" Unloader Prevents Crop Damage

Gentle handling of potatoes and other crops subject to bruising is provided with the new Zig-Zag chute, developed in Holland and distributed by an English firm.

Speed of fall is arrested by soft canvas sections. There are eight 12 in. sections making up the chute. Each section is open ended, allowing the crop to gently "walk" down in zig-zag fashion to prevent bruising damage.

Because of its light weight (about 136 lbs., including a built-in hoist and 1/3 hp electric motor) the Zig-Zag can be mounted on the end of an elevator or conveying system, or it can be suspended from the ceiling of the storage facility.

Here's how it works:

The truck or trailer to be loaded is backed directly under the Zig-Zag chute. The chute is extended so its bottom end is only a few inches off the floor of the truck bed.

Potatoes can be moved through the chute at up to 60 tons per hr. As load height increases, the canvas chute is retracted by a hand-held device which controls its movement up and down. With the control button in the "up" position, the chute retracts up into itself so the flow of potatoes isn't impeded as the truck fills up. The chute can be fully retracted to a compact size of only 16 in. deep.

For more details, contact: FARM SHOW Followup, E. W. Downs and Son Ltd., Engineering Division, Glemsford Sudburg, Suffolk CO10 7PH, England (ph Glemsford 0787 280242).

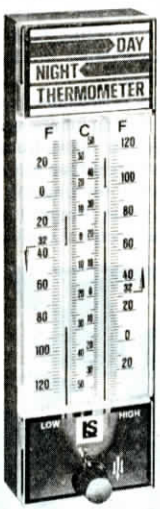
New Thermometer Records Highs, Lows

Compared to ordinary thermometers, the new Day and Night thermometer from Lab Systems is a genius. Like a TV weatherman, it tells you last night's low, today's high and the present temperature. Only difference is that you get the readings right on your farm, right when you want them.

Markers inside two capillary tubes are pushed up by the mercury, then remain at points of low and high temperature measurements until the user turns the knob at the bottom of the thermometer to reset the recording mechanism.

Both Fahrenheit and Centigrade scales are provided. Used outside, the Day and Night thermometer helps predict the best time for planting, irrigating or harvesting.

Suggested retail is $18.50. Available at retail outlets or directly from the manufacturer. For more details, contact: FARM SHOW Followup, Lab Systems, 1330 Grove Street, Berkeley, Cal. 94709 (ph. 415 525-0947).



The "thermometer that remembers" tells you at a glance the present temperature, plus the highs and lows.