

"ESPECIALLY GOOD IN OLDER HOMES"

Fresh Air Damper Feeds Furnace Automatically

"It prevents drafts through poorly fitted doors, windows and other cracks that normally supply fresh air for the furnace," says C.L. Hoyme, Camrose, Alberta, who's come up with a motorized combustion air damper that feeds air to the furnace automatically.

The add-on damper is tied into the furnace thermostatically so it opens only when air is needed, eliminating the problem of cold basements due to always open dampers.

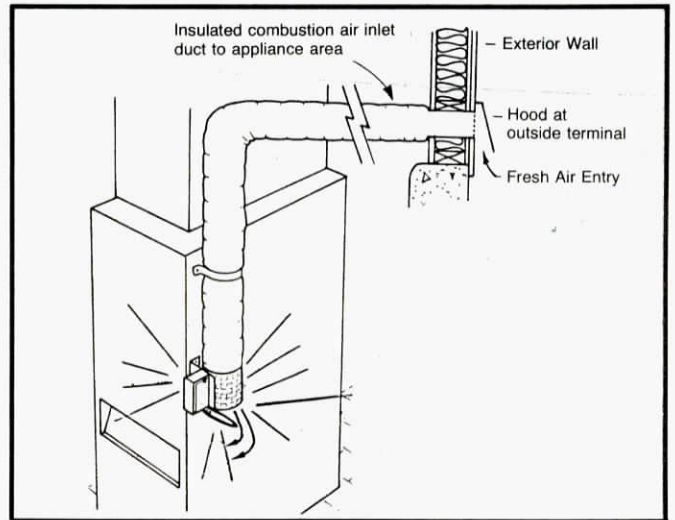
"Uncontrolled fresh air is uncomfortable, potentially unsafe, and expensive to heat," Hoyme says.

The new damper opens by gravity when the furnace calls for heat and closes by electric motor when the

furnace shuts-off. It can be used on furnaces up to 400,000 btu's with a 2-wire, 24-V thermostat system and a standing pilot. In addition to furnaces, the device can also be used to provide fresh air to fireplaces.

"It's especially good in older homes because when all the fresh combustion air comes from this damper, leaks throughout the home will no longer let air in because there'll be no need for it," says Hoyme.

The damper installs through the base of the house like a clothes dryer vent and simply fastens to the side of the furnace. It sells for \$149 and can be easily installed by do-it-yourselfers.



Damper only opens when furnace comes on.

For more information, contact: 1485, Camrose, Alta., Canada T4V
FARM SHOW Followup, C.L. 1X3 (ph 403 672-6553).
Hoyme, Enterprises Ltd., P.O. Box

Great New Way To Insulate Windows

One of the hottest new ideas in window insulating comes from Jerry Jaksha, Lincoln, Neb., who's figured out a way to roll up rigid sheets of foam insulation.

Jaksha says his new Insuliders cut heat loss 80% by providing a solid cover for leaky windows. Because they're made from solid sheets, they're ideal for large windows up to 9 ft. across.

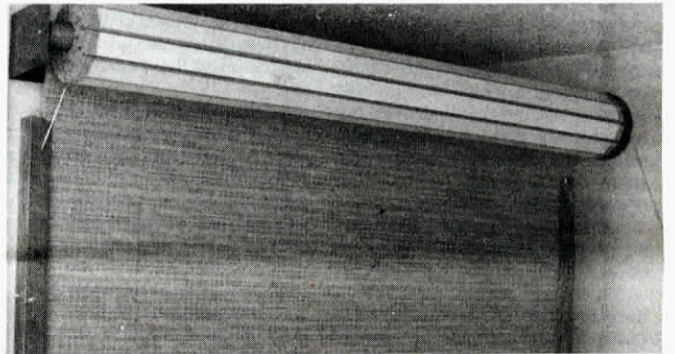
"Not only do Insuliders increase comfort by eliminating cold drafts and heat loss, but they're also attractive. The foam insulation is coated with textured fabric that adds to the decor of the room," says Jaksha.

The shade consists of a sheet of rigid insulating foam covered by heavy upholstery fabric. Once the fabric is glued to the foam, the back of

the insulation is slit at 1 to 3 in. intervals so that the fabric acts as a hinge. This allows the sheet to store out of the way on a roller at the top of the window and pull down quickly when needed, sliding in a wood track.

Jaksha uses both 1/2 and 3/4-in. thick insulation. He says it rolls up relatively small at the top of the window and that the roll can be left out in the open or covered with a valance.

The window insulators have an insulating value of about R-6 and a total of about R-9 when teamed up with double pane glass. There is a strip of foam weather strip on the bottom where it meets the window sill and the roller at the top is spring-loaded for easy roll-up. The shades can also be motorized with timers to open and shut automatically each day.



"Insuliders" cut window heat loss 80%.

Insuliders sell for \$7.95 a sq. ft., including all hardware needed to hang them. Jaksha says they can be easily installed in about 15 min. They're available through window dealers nationwide.

For more information, contact:
FARM SHOW Followup, Jaksha
Energy Systems, Inc., 5900 Deerhaven Road, Lincoln, Neb. 68516 (ph 402 423-9016).

'Waiter' Brings Firewood Up From The Basement

"It takes the mess out of handling firewood," says Brent Fowler, Lennoxville, Quebec, about his new "Woodwaiter" firewood carrier that installs next to fireplaces or wood stoves and brings wood up from a cellar or basement.

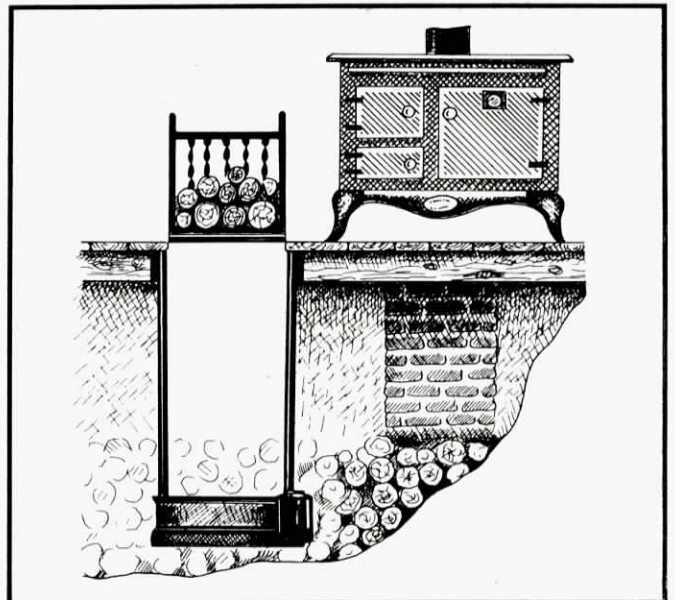
The Woodwaiter consists of a small box designed to handle 16-in. long firewood, carrying it up from the basement riding on a track from the basement. The box comes up through a hole in the floor next to the fireplace where it can be conveniently unloaded. A trap door can be installed so the wood remains below the floor and out of sight. Or the Woodwaiter can remain above the floor.

"Our cellar stairs are very awkward so my wife also uses our Woodwaiter to move her jams and jellies and other goods to the cellar," notes Fowler.

The Woodwaiter is controlled by a foot-operated switch. It can be set to rise to any convenient loading height. It runs quietly, powered by a 110-volt, 1/4-hp. motor and can be installed easily by the do-it-yourselfer.

The Woodwaiter sells for \$679 to \$1,062, depending on the style of box and the distance of the lift.

For more information, contact:
FARM SHOW Followup, W.B. Fowler Industries, Inc., 9 Haskell Hill Road, Lennoxville, Quebec J1M 2A3 (ph 819 562-8510).



Woodwaiter can be designed to stay beneath main floor when not in use.