

Using less is a challenge

Want a challenge? Try to keep your utility bills from changing year to year. Since the cost of energy is rising, you must cut the amount of energy used.

You can help keep home energy costs from rising in winter by reducing the amount of space heated (shutting off rooms), insulating and stopping leaks, dressing warmer, using more efficient heating and electrical appliances or using some form of renewable resource energy (solar, hydro, wood, etc.).

Energy can be saved in an existing house or in a new house. Energy-wasting mistakes can be avoided in a new house if you consider our climate, local building codes and energy-efficient construction when you build or buy a house.

Whether building or buying, the following energy conservation ideas should help you hold down home utility bills.

When building a house:

- Consider a square floor plan. It usually is more energy efficient than a rectangular plan because you have less outside wall exposed. This is one reason why (heated) oil storage tanks are round. A round building has even less exterior wall for its area than a square building.
- Insulate walls and roof to the Michigan specifications recommended by the folks on the other end of the Energy Hotline: R-33 for ceilings and R-22 for walls.
- Insulate floors, too, especially those over crawl spaces, unheated basements and garages: R-22 is recommended.
- If the base of a house is exposed, as in the case of a mobile home, build a "skirt" around it.
- Install lowered panels or wind-powered roof ventilators rather than motor-driven fans to ventilate the attic. Only use a motor-driven fan if it can be used for whole-house ventilating in the summer after the sun sets.

Consider solar heat gain when you plan your window locations. Install fewer windows in the north wall because there's little solar heat gain there in winter.

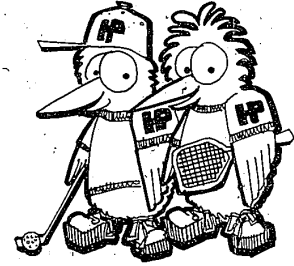
- Install windows you can open so you can use natural or fan-forced ventilation in moderate weather.
- Use double-pane glass throughout the house. Windows with double-pane heat-reflecting or heat-absorbing glass provide additional energy savings, especially in south and west exposures. Triple-insulated glass makes sense on the north side.
- Place your refrigerator in the coolest part of the kitchen, well away from the range and oven.
- Install the water heater as close as possible to areas of major use to minimize heat loss through the pipes. Insulate hot water pipes. If you have a long run from the water heater to an upstairs bath, for example, you may be ahead to install a demand water heater.

When buying a house:

- Consider all the ideas mentioned for building a house.
- Ask for a description of the insulation and data on the efficiency of space heating, air conditioning and water heating plants, or have an independent engineer advise you about the efficiency of the equipment.
- Ask to see the utility bills from the previous year, but remember to adjust them for current utility rates, which will be higher. Even some new houses don't have insulation in the outside walls, so check.
- Consider the need for additional insulation or replacement of equipment. If improvements are necessary, you may want to seek an adjustment in the selling price to cover all, or a reasonable share, of the costs.

Much of this material comes from Tips for Energy Savers, published by the Federal Energy Administration.

IT TAKES 2



BE AN EARLY BIRD... JOIN HAMILTON PLACE



For the first time ever, Hamilton Place is having a 2 for 1 membership offer. Join early and save 1/2 on memberships. Bring a friend and each of you can save 50% off each initiation, at Hamilton Place, the affordable social and fitness club. Outdoor pools, tennis, jogging track, 18 hole pro putting green, golf instruction, outside cafe and more. Join early and get the most out of summer with Hamilton Place.

Call 646-8990 or drop in anytime between 9:00 A.M. and 8:00 P.M. 30333 Southfield (between 12 & 13)

JOIN HAMILTON PLACE'S 3rd ANNUAL 10K RACE
 SUNDAY, APRIL 26, 1981 • 9:00 A.M. • REGISTER NOW

- 10 kilometer Course
- Registration by mail: postmark closed by April 11, 1981
- There will be a one registration Sunday, April 26, 1981 from 7:00 - 8:00 A.M.
- Entry fee: \$5.00 (non-refundable)
- Facilities available at the Hamilton Place Fitness & Social Club

Karastan CARPETS ON SALE

McQueen's Carpets is now offering their entire collection of Karastan Carpets at extraordinary savings

FOR ONE WEEK ONLY SAVE \$4.50 to \$16.00 SQ. YD.

DON'T BUY A CARPET... INVEST IN A Karastan

McQueen's Carpets
 4076 N. MAPLE AT TELEGRAPH BIRMINGHAM • 647-5250
 DAILY: 9:30-5:30; THURS & FRI 'TIL 8:30

harry's BIG & TALL
 Midnight Madness Sale

SUITS \$29.90-49.90

SPORT COATS \$14.90-34.90

SHORT & LONG SLEEVE SPORT SHIRTS \$6.90

SHORT & LONG SLEEVE DRESS SHIRTS \$8.90

HEMMED SLACKS \$9.90

DRESS SLACKS \$14.90

TIES - ALL MONEY DONATED TO THE CHILDREN'S LEUKEMIA FOUNDATION OF MICHIGAN \$1.00

Sale good Friday March 27, 1981 10am-Midnight and Saturday March 28, 1981 10am-6pm
 HARRY'S CHARGE and other major credit cards welcome.

SOUTHFIELD ONLY!
 25000 Southfield at 10 Mile Rd.

harry's clothing
 apparel for Big and Tall men

Karastan always puts a high price on quality. Even now, when there's a sale price on it.

If you've always thought Karastan was a bit out of reach, get in touch with your nearest participating Karastan dealer.

For a limited time only, he or she can show you specially selected Karastan rug and carpet styles on sale at savings of up to 25%.

So what better time to acquaint yourself with Karastan's famous quality through a wide range of carpet textures, styles, and our extraordinary palette of colors.

Or, perhaps, the mystery of our selected Oriental design wool rugs could solve your decorating problems.

Despite the savings, if you still think of Karastan as too luxurious, consider the results of a recent torture test Karastan arranged. We put one of our Prestige Velour carpets down in New York's Grand Central Station and let 180,000 merciless feet beat a path across it. After we picked it up, all we did was give it a stringent cleaning.

You can see for yourself in the photograph above that the fragile beauty of this particular Karastan is anything but fragile.

Karastan has long been considered extraordinary carpet. But now, during the sale, it will also be offered at extraordinary savings.

This is brand new Karastan.

This is the same carpet after what amounts to 5 years of use. See the difference in wear? We can't either.

Karastan

Karastan Rug Mills, a Division of Fieldcrest Mills, Inc.