Home Improvement Guide Mor

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## Drafty windows and doors rob you of costly heat

If your windows and doors are loose and drafty, you won't significantly reduce the amount of heat you use this winter by turning down the thermostat.

winter by turning down the thermostat. When cold air leaks into the house through ill-fitting and warped old windows, your most practical solution may be double-glaze aluminum-framed replacements. They can cut heat loss through these opening by as much as 40 percent.

Replacement windows help to keep warmth inside the house and reduce the amount of heat you need for comfort, an important factor in the face of steadily rising energy costs.

While savings in heating fuel can be more dramatic in normally colder sections of the country, economies can also be significant in milder climates where modern aluminum replacement windows halp prevent cooled air from escaping to the outside.

For instance, by replacing 250 square feet of window area with doubleglazed aluminum-framed units including storm sash, a homeowner in Buffalo, N.Y., (which has a 7000 heating degree day temperature) could save over \$400 a year in energy bills if he heats with oil costing \$1.10 a gallon. Savings would be higher with electricity and less with gas heat.

In Miami, Fla., (with a 4500 degree day climate) a family with the same window area installing the same type replacements, could effect savings of \$140 annually in electricity to air condition their home.

In addition to their efficiency, aluminum-framed replacement windows require little maintenance, do not need frequent repainting, and don't shrink, swell or rot.

They can be selected to blend with any style of architecture from Victorian to the most modern design, and with either an anodized finish or a baked-on enamel finish in a myriad of colors to harmonize with decorating schemes. These colors remain bright and clear.

Standard sizes and shapes are available, or the windows can be custom fitted in any style, be it picture, bay, double or single hung, vertical or horizontal slider.

Thermalized windows are the most popular type replacements because, by reducing heat conduction throughout the entire window, they offer the most protection against heat loss. They insulate as well as wood or vinyl windows, but have the advantages of rigidity and strength, and a lowmaintenance linish.

A thermalized aluminum-framed window incorporates a thermal "break" in the frame and superior weatherstripping in all its component parts, along with double or triple glazing. The dead air space between the sheets of glass acts as insulation. Other types of aluminum-framed

Other types of aluminum-framed replacement windows are also efficient. These come with either double or single-glazing plus storm windows and

self-storing screens. Most include easy-cleaning features



THERMALIZED ALUMINUM REPLACEMENT WINDOWS effectively reduced the use of fuel in this ranch-style home while making it more comfortable during both heating and airconditioning seasons. Picture window with lift-out side panels, sliders and filt-in double-hung windows blend pleasingly to update this 20-year old house. They are easy to clean and never need repainting.

such as sliders that lift out and doublehung windows that tilt into the room. Windows can usually be installed in a

single day by a qualified technician. They come completely pre-assembled with aluminum frame, balances, hardware, glass, weatherstripping and trim.

Moreover, you don't have to wait to take advantage of the energy savings they achieve because they can be set in place as easily on a cold winter day as in the spring or summer.

In the spring or summer. If you can't afford to have the entire house done at once, replace the windows in the most frequently used or ' coolest rooms first, and install them in other rooms as your budget permits.

The government helps by allowing you a credit of 15 percent up to a maximum of \$300 on your Federal income tax for this type of energy conserving improvement.

When you make the decision to replace your old windows, take your time before deciding on the units you buy. Compare the quality of the various styles you're shown and check a complete window instead of a small cross section.

Then, compare prices with at least three contractors and, when you choose one, verify his workmanship with past customers. Proper installation is as important as the quality of the

For more information about replacement windows, write for free booklets to Dept. BAW-9, the Aluminum Window Information Bureau, 250 West 57th Street, New York, NY





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