

DO-IT-YOURSELF

There Are Several Steps To Winterproofing Homes

By J. RALPH DALZELL

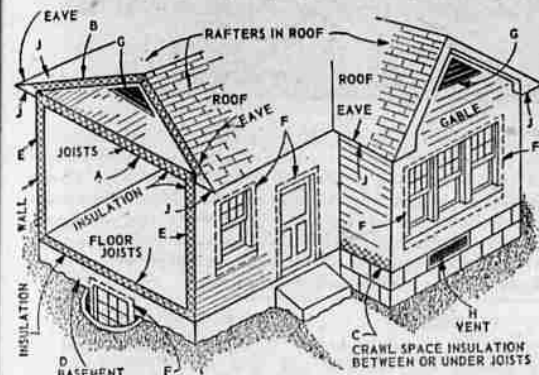
Hundreds of readers have inquired for information to reduce fuel bills, how to avoid interior dampness, how to keep their homes more comfortable, and concerning other problems associated with winter. Now is the time to plan and do remedial work.

If you think your fuel bills are high you may consider the use of insulation, storm windows and doors, and caulking.

The picture shows a rough sketch of a typical house. About 25 per cent or more of the heat loss is through the ceiling and roof. If the attic space is not used, insula-

used. If loose fill insulation is blown into walls the interior surfaces of the walls should be painted with two coats of aluminum paint prior to other decorations. If a crawl space exists, as shown at H, vents must be installed. If floors over a crawl space are damp, the insulation between the joists must include a moisture barrier next to the floor.

If exterior wood siding becomes damp to the extent that paint peels off, the interior surfaces of the walls should be painted with aluminum paint so that humid interior air cannot go through the walls. Condensation can be avoided by



tion can be installed between the ceiling joists as indicated at A. If the attic is used, insulation can be installed between the roof rafters as shown at B.

If the first floor is above a crawl space, insulation can be installed between the joists or on their lower edges as indicated at C. If the first floor is above a solid basement, as shown at D, the insulation can be attached to floor joists. In frame houses, loose fill insulation, at E, can be blown into the spaces between the wall studs. This job should be done by professional installers with pneumatic equipment.

Storm windows and doors will reduce heat loss another 25 per cent if they are tightly fitted and used for all doors and windows. This will remedy or reduce window sweating. In climates where winters are not severe, the use of weatherstripping around windows and doors is sufficient to prevent large heat loss.

Cracks may be found, as indicated at F, between window and door frames and the surrounding walls. Wherever cracks occur, they should be filled with caulking compound.

Condensation is always the result of dampness. It occurs when warm and humid air comes in contact with cold air or cold surfaces. If the top floor ceiling is insulated, eave vents, at J, and gable louvers, at G, must be

ventilating laundries, kitchens, and bathrooms. Ventilate the whole house once or twice a day. Gas furnaces and gas water heaters must be vented to the exterior. The earth under crawl spaces can be covered with waterproof building paper to avoid first floor dampness.

QUESTIONS AND ANSWERS

A—How can I make putty stick to wood window frames?

A—Clean out all old putty, and paint the groove. After the paint dries the putty will stick to the paint.

Q—Our paint is chipped and rough. How can I repaint to make the walls smooth?

A—The old paint (probably several coats) should be removed before painting. There is no alternative. Use any good paint remover.

RUNNING WIRES

Don't run wires over weatherstripping. Radio or television aerial wires on weatherstripping will result in poorly fitting windows and may even damage the stripping. Notch weatherstripping to fit if you must run wires over it, the Weatherstrip Research Institute advises.

Hide Away Laundry



THIS ATTRACTIVE SETTING, designed by the Kroehler Manufacturing Company for a career girl's castle in one room, can be arranged on a budget of about \$500. The focal point of the room is a Sleep-or-Lounge called the Rutland, which is a sofa by day and a comfortable bed by night. The cabinets shown with it are painted to suit the general color scheme and answer the need for sufficient closet space.

One Room Problem Overcome

One room apartments are cozy and practical for hundreds of bachelor girls (and boys, too). But new or old, these small flats present both a decorating and space problem.

If closets are included, they are often completely inadequate for linens, personal accessories, and the hundred other items that are household necessities.

Adele Whitfield, decorator for Kroehler Mfg. Co. looks at it this way: if you haven't got closets — make 'em.

She designed a one room apartment which has two attractive walls of functional storage area — a feat in itself when done on a budget.

Wood storage units — bought unfinished are both inexpensive and good looking. They can easily be built up, one upon another, wall fashion. The cabinets themselves can be alternated with bookshelves and chests.



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On the floor she recommends point of the room is the place to a cotton tufted rug. On the sleep, sit, and entertain. The walls, for a clean and rustic effect grouping consists of a Kroehler feet, white brick paper. Focal Sleep-or-Lounge.



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