

DO-IT-YOURSELF

Good Storm Sash May Lower Winter Fuel Bill One-Fourth

By J. RALPH DALZELL

Of the total heat lost from a house in cold weather 50 per cent is attributed to unprotected windows. Generally, 25 per cent is lost through glass and a like amount through cracks around windows. When good storm windows are installed for all windows, a 25 per cent fuel savings can be realized.

Many types of storm windows are available at building material stores. Wood or metal storm windows of the combination type will be installed by the dealer or you can do it yourself. The storm windows must fit tightly to be effective.

Where existing storm windows do not fit tightly they will not reduce much heat loss, and the regular windows will sweat on the interior surfaces. Poor fitting can be remedied with foam rubber or spring-type weather stripping.

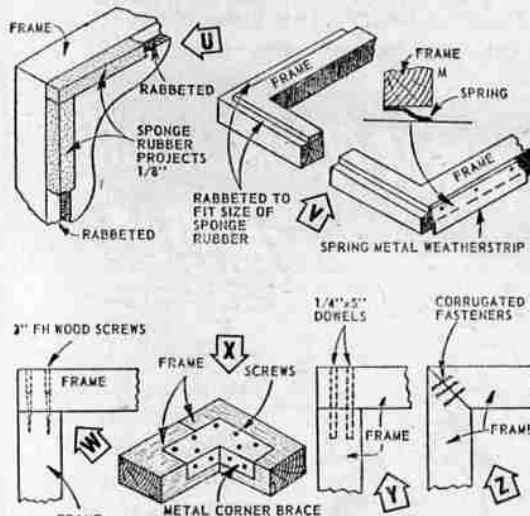
Picture V shows part of the wood frame for a typical storm

forms a tight fit when the storm window is installed.

If storm window frames are not rigid and are loose at joints, they can be stiffened by using three inch flat head wood screws as shown in picture W. Be sure to drill pilot holes at least for the plain shank part of the screws.

Picture X shows how thin corner braces can be used to stiffen corners. Apply them to the interior side of the frames with three-quarter inch flat head screws. If the braces have appreciable thickness it may be necessary to gain out (make a recess in the frame) so the braces are flush with the wood surface.

If frames have mitered joints, as shown in picture Z, corrugated fasteners can be used as indicated. Picture Y shows how quarter inch dowels five inches long can be used to stiffen a joint. Drill holes a little larger than the dowel diameter, apply glue to the dowel and drive them into place.



window that does not fit tightly in the window frame. To avoid cracks around the storm windows, the frames can be rabbeted, as indicated in the picture, and strips of foam rubber cemented on as indicated in picture U. Picture V shows how spring-type metal weatherstripping can be nailed to the frame of the storm window. As indicated at M, the metal

Unprotected exterior doors allow heat to escape. Recommended storm doors are of the combination type with interchangeable sash and screen units. Hardware is available in many styles to allow ventilation through the rooms when storm windows are installed. The entire window can be pushed out from the bottom, or holes may be drilled in the bottoms of the storm sash over which a metal slide fits.

QUESTIONS AND ANSWERS

Q.—What causes white stains on brickwork?

A.—Sometimes stains are caused when water penetrates mortar joints and causes soluble salts to be washed out of the brick or mortar. Scrub the areas with a solution of one part muriatic acid and ten parts water. Wear gloves, apply with a fibre brush and rinse with clear water.

Q.—What color filler should be used with stained open-grained wood?

A.—Ordinarily the filler should be as dark as or a little darker than the stain used.

Homeowners Expect To Buy Complete Kitchen Package

The growing popularity of packaged plumbing installations in 1956—"the year to fix"—was reflected by exhibits at the recently-held National Plumbing and Heating Exposition in Milwaukee.

This was especially true of the kitchens shown, according to the Plumbing and Heating Industries Bureau.

Kitchens used to be bought piecemeal—the sink from a plumbing contractor-dealer, appliances from another dealer, cabinets from a hardware dealer. Floor and wall finish, electrical work and carpentry meant dealing with other trades and mechanics.

Now the plumbing contractor offers a one-stop remodeling service for kitchens, as well as bathrooms. That is, he handles the whole job from start to finish, planning the design, selling fixtures, cabinets and appliances, and subcontracting to other trades wherever necessary in finishing work.

Homeowners like the convenience of dealing with a single contractor and paying one bill for modernization work. Thanks to packaged remodeling, it is just as easy now to buy a complete new kitchen as a second family car. Extremely favorable financing plans are available for kitchen and bathroom modernization work, based on small, easy-to-make monthly payments.

In kitchen remodeling, it is customary to match cabinets with the color chosen for the sink. Or, sink and cabinets may be contrasted

for an unusual color effect. Besides range and refrigerator, the fully-equipped modern kitchen will have a built-in dishwasher and a food waste disposer attached to the sink drain.

If a laundry is included with the kitchen in a divided installation, there will be need for a clothes

washer, dryer, water heater and water softener. All of this equipment can be included in a packaged kitchen, sold by and installed under the supervision of a plumbing contractor.

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