

Pool Storage

A storage fence is the ideal companion to a swimming pool. Built along one side, the storage compartments offer space for the pool vacuum, scraper and other maintenance equipment as well as for lounge pillows and floats. It can be built of western red cedar using any popular siding pattern. The storage fence could also be designed tall and deep enough to include dressing rooms.

STANDARDS HIGH

The same standards for insulating a home for air conditioning apply to electrically heated homes. The Quality Home Requirements of the National Mineral Wool Insulation Association call for batts or blankets of mineral wool with an installed resistance to heat loss of R-19 or R-24 for ceilings, R-11 for walls and R-13 for floors over unheated spaces.

Shelter Not Enough, We Want Comfort

In case you've wondered, comfort is good for you.

Psychologists have found that physical comfort helps students to learn and workers to earn. It helps prevent accidents and illness and it can turn a disgruntled parent into a lamb and a screaming infant into a cherub.

What is comfort? It might be defined as the absence of discomfort.

Ask a handful of people what comes to mind when they think of comfort and you'll get an assortment of replies—"easy shoes," "a light in your room at night," "a soft bed," "a nice, neat, warm home," are examples.

The more people you ask, the more often you'll hear the word "warm." Sometimes it means the psychological warmth of friendship and security, but it's more apt to refer to physical warmth—a warm bed, warm clothes, a warm house.

'Ahhh,' Not 'Ugh'

Starting with the day in the dim past when Fred Flintstone the first stumbled out of the cold wind into a cave and found himself saying "ahhh" instead of "ugh," man has been trying to provide more comfort for himself and his family—often at any cost.

Man has built fires, pitched tents, constructed open shelters, invented windows and storm windows, doors and storm doors. He has hung tapestries on cold castle walls, built walk-in fireplaces, and warmed his beds with hot stones, warming pans, and electric blankets. When Benjamin Franklin invented a heat-conserv-

ing stove, people snapped them up and bricked up the fireplaces from which untold billions of British thermal units had escaped up the chimneys.

Today we're unbricking them, but we're not, by gosh, letting much heat escape from our homes.

Suffering Over

After centuries of suffering from the discomfort of cold walls and drafts that swept icily across floors to freeze innocent feet, Nineteenth Century Man finally did something about it. He invented insulation. But it was only about 30 years ago that the American home owner really woke up to the fact that wrapping his house in mineral wool insulation would not only make him comfortable but would also save fuel.

Nearly everybody's doing it. Instead of buying bigger, more expensive furnaces and burning more and more fuel, the contemporary home owner makes sure his new house is insulated to recommended standards with batts or blankets of mineral wool in floors, ceilings and walls. Then he buys a smaller heating unit and burns less fuel. He saves enough money on fuel in a few years to pay for the insulation.

He also buys a smaller air conditioning unit, if he's installing one, and pays less for it and less to run it, too.

Then he and his family learn what living comfort really is—as long as they live in that house they're warm in winter and cool in summer, secure and satisfied in their cozy, comfortable home.

Comfort Explains Switch To Electric Heating

Electric heat is the fastest-growing home heating system today. As recently as 12 years ago, only a handful of homes were heated electrically, but by 1962 the figure had risen dramatically to more than 1.3 million. By 1970, an estimated 5,200,000 families will be enjoying the advantages of electric heat.

There are sound reasons for the increasing use of electric heat for replacement in older homes as well as original equipment in new homes:

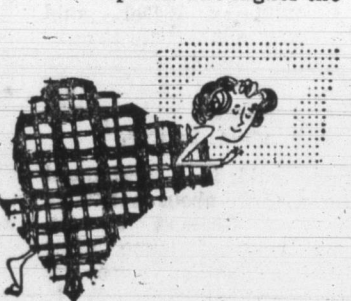
1. It's clean. Because there's nothing to burn, there's no smoke, soot or fumes to soil ceilings, draperies, carpets and other furnishings. This cuts down on housework and cleaning bills.
2. It's a space-saver because there's no need for a bulky fuel tank or chimney.
3. It's extra quiet. Several types of electric heating systems have no moving parts.
4. With room units, thermostats make it easy to vary temperatures from room to room.
5. Electric heating equipment is so simple that maintenance problems are virtually eliminated.
6. It's usually less costly to install electric heat than other heating systems because it doesn't require a chimney or fuel storage tank.

Comfort is one of the main

reasons families give for enjoying their electrically heated homes. The heat is even and rooms are free of drafts.

An important factor in achieving this high level of comfort at a reasonable price is the thorough insulation that electric power suppliers specify for electrically heated homes. Insulating to recommended standards not only adds to winter and summer comfort but also helps keep heating and cooling costs low.

Families can be sure of having adequate insulation for electric heat as well as for air conditioning if they follow standards developed by the National Mineral Wool Insulation Association. These call for the use of mineral wool batts or blankets with an installed resistance to heat loss of R-19 or R-24 in ceilings, R-11 in walls and R-13 in floors above unheated spaces. The higher the



"R" number, the greater the ability of the insulation to block the flow of heat through it.

In existing homes, a type of mineral wool called blowing wool can be forced into spaces between wall studs and ceiling joists by a pneumatic hose.

Yard Planning

Good time for yard planning is springtime. Fences go in easier because the post holes dig easier when the ground is soft. Use western red cedar posts for long life and either cedar or Douglas fir rails and fencing materials.

Garage Attic

Need storage space that isn't cluttered? Then install a solid floor of inexpensive Douglas fir shiplap on the garage rafters and turn the attic into good looking storage space.

Make a rickety worktable or bench rigid by nailing around it a skirt of Masonite Presdwood.

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He Who Has Batts in Attic Is Not Bats in Belfry

Do you have bats in your attic? You should if your house is air conditioned—unless you have blankets, that is.

To explain, mineral wool insulation, which comes in both batts and blankets, is important to the comfort of any home, but it is particularly so in air-conditioned houses. Here are three good reasons:

1. Insulating a house to recommended standards makes it possible to use smaller, less costly air conditioning equipment.
2. It will lower the operating cost of air conditioning year after year. In a relatively short time these savings will pay for the original cost of the insulation. Savings after that are money in the bank.
3. It will help keep a house comfortably cool in the summer-

time and warm in winter.

Recently the Federal Housing Administration established minimum property standards for insulation in centrally air-conditioned houses. However, since FHA requirements are only minimum, families who want the best results—the greatest possible comfort for the lowest cost—should insulate their homes to standards recommended by the National Mineral Wool Insulation Association.

These standards call for batts or blankets of mineral wool with installed resistance to heat loss of R-19 or R-24 for ceilings, R-11 for walls, and R-13 for floors above unheated spaces.

Existing homes can be thoroughly insulated by contractors who use pneumatic equipment to blow mineral wool into walls, ceilings and floors.

DESIGN FOR MODERN LIVING



One of the most popular rooms at the National Decoration and Design 1963 Show is this striking setting created by noted designers Joseph Braswell A.I.D. and Inman Cook A.I.D. The 3 low armless chairs around the fireplace are upholstered in different shades of Bangkok silk (red, blue and beige). The lower wall of white vinyl travertine provides a narrow ledge flanking the fireplace, to hold pictures. A beautiful collection of Delft jars rests on the wall rim. The floor of elegant solid vinyl Repousse tiles by Kentile captures the traditional touch. They are set in squares composed of bands of plain Designer Palette terra cotta and black vinyl. The vertical white blinds rising above the low wall, shield the sun coming in through glass walls.

Private Land Owners Lead

It is a different industry today than during the old swash-buckling era when lumbermen moved across the country from one timber growing region to another.

Timber companies have their roots down deep, one industry leader observes, and they intend to make this country a perpetual timber growing land, supplying wood for our nation's needs forever.

Private forest land owners since 1941, have launched the greatest conservation program in all history. It was in 1941 that the Tree Farm program was founded in Washington state,

and man started doing something about raising trees as a crop.

The Tree Farm idea has since spread into 48 states, it embraces 26,326 separate privately owned, tax-paying forest areas amounting to 63,352,000 acres. It is a fantastic example of the power of an idea which is based on belief in the land.

An owner of forest land, in order to have his area certified as a tree farm, must agree to manage his timber land so that it produces a maximum crop of trees at all times. This involves planting if needed, protection from fire, insects and disease, proper harvesting to permit as much natural reseeded as possible. His tree farm certificate will be cancelled if he does not practice good forestry on his land.

Out in the northwest where the tree farm program began, there are now 766 West Coast tree farms in western Oregon and Washington covering 6,454,000 acres.

Insulation Needed For All-Year Use Of Finished Attic

If finishing the attic to add living space is on your do-it-yourself schedule this year, don't waste time and money creating a room that's going to be too hot for comfort in summer and unbearably cold in winter.

Invest a little extra time and money to insulate it adequately now and you'll reap dividends in comfort and fuel savings far into the future. Installing mineral wool insulation to recommended standards usually pays for itself in a few years through savings on heating and cooling costs.

Even if you're not handy enough to tackle the rest of the attic finishing work, you should have no problem installing batts or blankets of mineral wool. No special tools are required—just a sharp knife and a heavy-duty



Batts of mineral wool are installed carefully between wall studs with vapor barrier facing heated area.

staple gun, which you can probably rent or borrow.

Here are a few points to keep in mind:

To insulate the whole attic space, staple insulation across the collar beams and down the rafters to the wall plate.

To insulate just the living space within the attic, staple insulation across the collar beams, down the rafters and knee wall studs and along the ceiling joists to the wall plate.

Don't cover vents. Air circulation is important both winter and summer.

Staples should be placed no more than six inches apart.

Be sure to butt ends of batts or blankets tightly. Fill any irregular spaces with mineral wool torn from a batt and then cover the area with vapor barrier.

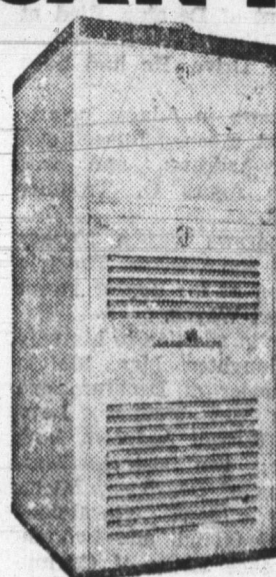
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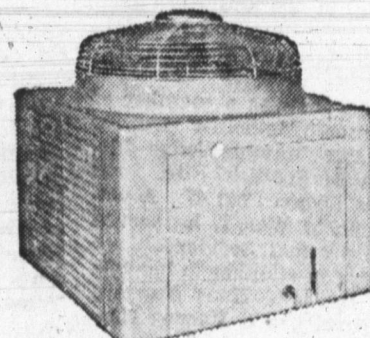
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