



Play it Safe!

The term "automatic furnace" is applied to various types of furnaces which operate under mechanical supervision and are designed to maintain heat temperatures in homes or buildings within a few degrees differential of the desired temperature.

Furnaces which use coal stokers, oil firing or gas firing for heating, are in most cases the type that are supervised by this mechanical or electronic control.

Over a period of years, or because they are relatively new and have not been properly adjusted, there will sooner or later be a breakdown in the operation, and trouble will be experienced by the owner. This trouble may manifest itself either by a smoking

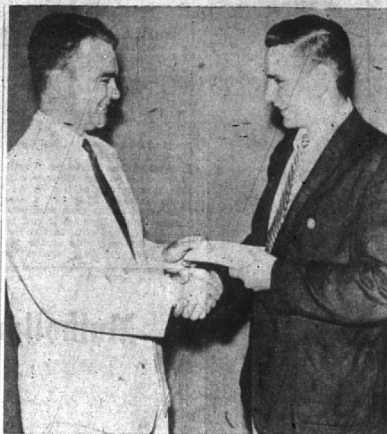
furnace, a puff back or an explosion in the unit. Or, it may not respond or operate at all, particularly after summer months when it was not used at all.

IF THE USER experiences this type of trouble, and is not familiar with the mechanical parts of the unit, they need help from their gas company, oil service man or the stoker company. If this help is not available immediately and there seems to be danger from the unit, the fire department should be called.

However, before any calls are made the heat thermostat on the first or second floor, in most cases first or grade floor, should be set down as low as possible to 40 or 50 degrees, or at least something under the temperature of the building at the time the trouble occurs. If the thermostat is left set at a temperature which calls for heat, the defective furnace may react violently in an attempt to operate.

Therefore, if your furnace or heating unit does not function properly, PLAY IT SAFE. Set the thermostat down immediately and leave it there until help or service can be obtained.

BIRMINGHAM FIRE DEPARTMENT



A BONUS CHECK for Jon B. Rogers, 633 N. Woodward, is presented after he successfully completed the first 12 weeks summer sales program for college undergraduates conducted by Vick Chemical company. Rogers, with 10 others, was selected from among 300 who took part, representing 12 eastern and southern schools. Rogers, a Princeton student, is receiving his check from E. B. Newsom, executive in charge of the program, at Greensboro, N. C.

NATURE NOW

By **LYDIA KING FRESHE**

In the 18th century the great Swedish botanist Linnaeus classified every plant into a species and assigned to each a genus. He then gave each two descriptive names in the universal language of Latin. This created a semblance of order out of what was a medieval confusion and gave us our present-day families around which the scientific study of plants is organized.

Each September brings into sharp focus to the best of known of all the flower families, the Composites.

Although it is at this time that they reach the height of their abundance and beauty, their blooming spans the season from the first pussy-toes of early spring to the last asters of autumn.

THE COMPOSITES are most diverse in their habits and manners. They shake their crazy heads along dusty roadways, they crowd in hardy clusters along stream banks, they climb the hillsides and fringe the borders of woods. They grow in stately rows in well-tended gardens or lend themselves to an artistic arrangement in living room or florist window.

The flower of a Composite is a key little name. One has only to examine a common dandelion with a hand lens to see that what is usually considered a separate bloom is a compact head of tiny florets, each of which develops its own seed with an attached paracarpel to carry it away.

COMPOSITES are variously classified. From the standpoint of the flower structure they may be divided into the three following groups:

The first or "radiate" type is well illustrated by the daisy which has a central disc composed of several hundred small tubeshaped florets. They are surrounded by ray florets which are often mistaken for petals. Asters, yarrow, sunflower and goldenrod are members of this group known to all.

The thistle is typical of the second group called "discoid" Composites. These have only disc florets corresponding to the pincushion center of the daisy. Pussy-toes, tansy, honeysuckle and Joe Pye weed are examples. Although they do not have ray florets, they achieve an open and fluffy-like beauty by elongating and slenderizing the disc florets. Ragweed and cocklebur also belong here, but their flowers are so inconspicuous and lacking in color that they are usually overlooked.

The third group, called "ligulate" Composites, are those that have tubeshaped florets. There is no central disc and the florets are bunched together without regard to a regular pattern. Dandelion, lettuce, hawkweed, endive and chicory belong here.

Individual florets of each head, if you are an artist, will endow you with a staggering number of future seeds, each a potential plant.

The Composites have further added to their efficiency by using many highly diversified methods of pollination and seed dispersal. A single bee mulling over a dandelion head can pollinate every one of its several hundred separate florets in one visit. The group attracts and makes landing room for many insects, the gaining of whose attention is a competitive business. Because of the compact arrangement of florets, cross-pollination between individual flowers has also become a highly efficient scheme.

EVERY AUTUMN wind is laden with millions of silky paracarpels carrying the seeds of such Composites as thistles and burdock, fireweed and blazing star, Cobblers, Spanish needles and burdock attack themselves to the fur of every animal abroad and travel along with him. No autumn walk is free from the inevitable aftermath of riding one's clothing of an assortment of tufts, little bristle brushes, pricklers and saw-edged prongs. Nature, always about her business of propagating and producing, has here done an unusually efficient job.

In comparison with many other plant families, the Composites are unimportant economically. They do provide us with such greens as artichoke, dandelion and artichokes. A valuable coffee substitute is made from the roots of chicory.

We should be the poorer, too, without such old favorites as aster, sinia, marigold, dahlia and chrysanthemum, which not only add charm and color to our autumn gardens, but provide the florist with an important supply of saleable flowers.

But to one who is much of a field, their greatest contribution lies in the beauty they lend to the landscape during every day of our blooming season all the way from pussy-toes to asters.

Have You Met . . .

The new residents of 2826 Hamlet road. They are Mr. and Mrs. Gordon W. Love, five year-old Hal B. Armstrong, and three year-old Theodore Waring Armstrong. Mr. Love, sales manager of the ROW Sales Company, is a former Birmingham resident. Mrs. Love was a resident of Austin, Texas. She is a member of the Junior League. Mr. Love is a member of the Village Players.

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BENJAMIN MOORE \$5.95 gal.
TRUSCON \$5.15 gal.

COOK'S
Reg. \$5.99 gal. Super White \$6.99 gal.
GLIDDEN'S \$5.95 gal.

ASBESTOS SHINGLE PAINT
TRUSCON \$6.45 gal.
BENJAMIN-MOORE \$4.85 gal.

And If You're All Done With the Outside

you're mighty fortunate. So give a thought to the inside and if you need some inside paints or finishes we've a grand selection.

BIRMINGHAM PAINT GLASS & WALLPAPER CO.
369 E. Maple Midwest 4-3737

Promotion for P. E. Wilson

Paul E. Wilson has been named director of the receiving and marking department of The J. L. Hudson company. It is announced by Read Jenkins, vice president and general superintendent. He succeeds Robert G. Brown, who is retiring after over 28 years with Hudson's.

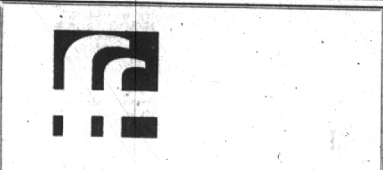
Wilson was graduated from Purdue university in 1941, and joined the industrial engineering department of the Carnegie-Illinois Steel corporation, in Chicago. Later he was a plant industrial engineer with Libbey-Owens-Ford Glass company, Toledo.

He came to Hudson's in 1950 as a member of the work simplification staff and was named

director in 1951. Earlier this year he was promoted to the position of merchandising handling coordinator.

During World War II, Wilson served as a lieutenant (j. g.) aboard an attack transport in the Pacific theater. He lives with his wife and three children at 2302 Windemere, Birmingham.

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ENJOY SOME TO-DAY!

LIFE'S THAT WAY . . . No word from the soldier

GOTTA CUT OFF, JULIE. MY BROTHER WROTE HE'LL BE CALLING UP FROM CAMP TONIGHT ABOUT SEVEN.

I DO HOPE ROBERT CAN CALL US. I'D LOVE TO HEAR HIS VOICE.

PERHAPS HIS PLANS HAD TO BE CHANGED SUDDENLY. THAT HAPPENS IN THE ARMY. YOU KNOW, DEAR.

WELL, I THINK IT'S JUST MEAN OF THE ARMY TO TREAT PEOPLE THIS WAY!

NO WONDER HE HAVEN'T BEEN CALLED. BOB PROBABLY GOT A BUSY SIGNAL ALL EVENING! AND SEVERAL OTHER TELEPHONE ON OUR LINE WAS BUSY TOO!

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HERE'S GOOD NEWS FOR HOMEMAKERS

The old-fashioned, messy house-keeping chore of disposing of garbage and other household waste is banished forever with . . .

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*** Just wrap 'em up - drop 'em in - and forget 'em**

And it's all done just as you would expect your dependable, economical, quiet GAS FLAME to do it—QUICKLY and WITHOUT THE SLIGHTEST TRACE OF SMOKE OR ODOR.

This smart new home appliance can be installed in your modern kitchen, utility room, basement or garage. It's not an incinerator. It's a NEW, SAFE WAY TO DISPOSE OF GARBAGE AND ALL BURNABLE TRASH, WITHOUT NOISE, ODOR, SMOKE OR WATER AND SEWAGE CONNECTIONS. With Calcinator installed there's no more messy, smelly garbage can to clutter up your home and it reduces fire hazards that are always present with old-fashioned incinerators. It costs only a few pennies a day to operate. This silent GAS Calcinator will first dry, then consume your daily wastes—unattended.

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