

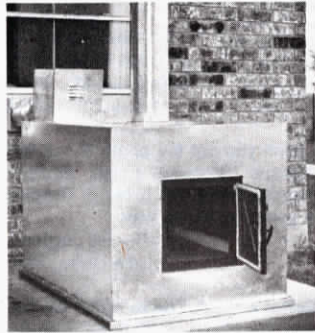
Bryan Furnace

One of the most popular products we've ever featured in FARM SHOW (Vol. 5, No. 1, 1981) is the Bryan outside furnace, a completely self-contained wood-burning furnace that goes outside the home and requires absolutely no home modification to install.

From inside, the Bryan furnace appears to be similar to a window type air conditioner. It warms air outside the house, then blows it into the home through a window mounted duct," explains Charles Cobos, president of Bryan Furnace Works. "Besides requiring no modification to your home, combustion is contained in a fire-proof unit outside the home. All ashes and fumes are outside. All that enters your living space is warm air."

The Bryan furnace takes up to 30 in. logs and will burn up to 10 hours with one fueling.

"The furnace will function satisfactorily, even in a snow bank, as long as its air intake is kept clear," explains Cobos. "The unit can be placed in a garage or shed and heat blown to the house through an insulated underground duct. The heater will

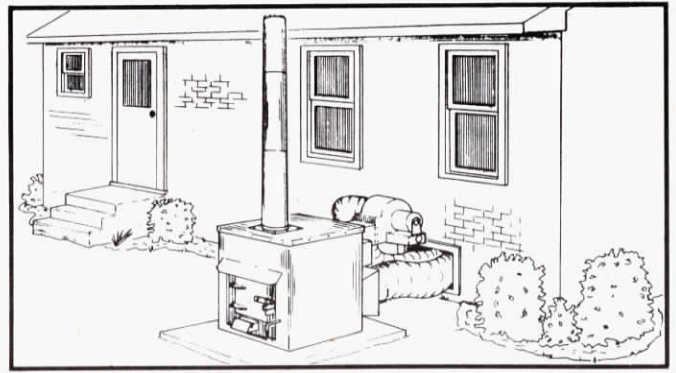


Bryan furnace handles up to 30-in. logs, and burns up to 10 hrs. on one fueling.

handle coal mixed with wood, or straight wood. Ashes need to be cleaned out once every 2 or 3 days.

Bryan Furnace Works offers models producing 45, 55, 80 and 250 thousand btu's per hour. The largest model is designed primarily for poultry, hog and dairy barns.

For more details, contact: FARM SHOW Followup, Bryan Furnace Works, Box 32, Bryan, Texas 77806 (ph 713 822-4606).



Outside Harrington furnace connects to existing ductwork of existing gas, oil or wood furnace.

Harrington Residential

The Harrington Residential outside furnace, manufactured by Harrington Manufacturing Co., Lewiston, N.C., is a hot air furnace designed to connect into existing ductwork of existing gas, oil or wood furnaces inside the farm home. Returned air from your home is brought into the furnace, circulated over the heat exchanger and outer walls of the firebox, and forced back into your home through existing ductwork. It's constructed of an 18

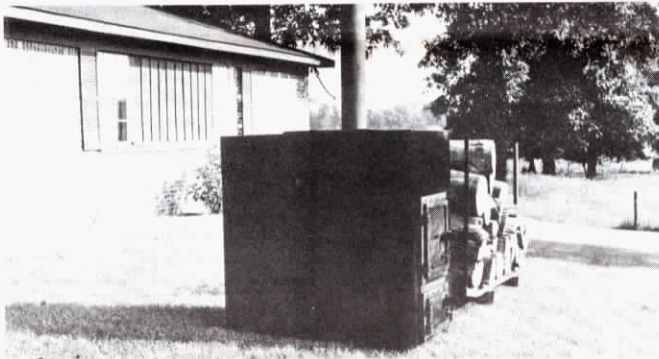
ga. galvanized insulated outer shell that keeps the inner 11 ga. firebox hot.

The Harrington furnace heats up to 1,500 sq. ft. and is thermostically controlled. It's recommended that it be installed on a cement pad.

For more information, contact: FARM SHOW Followup, Harrington Manufacturing Co., Inc., Lewiston, N.C. 27849 (ph 919 348-2531).

SUPPLEMENTAL WOOD BURNERS REQUIRE NO HOME MODIFICATION

You'll Like These New "Outside" Furnaces



Hardy furnace provides hot water heat from coils inside the firebox.

Hardy Furnace

This new wood-burning furnace can be installed as far as 100 ft. away from the house or other building being heated, and requires no modifications to install.

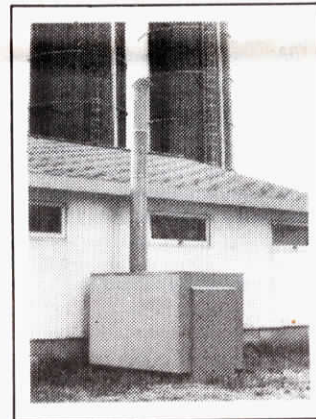
"It keeps all smoke, ashes and wood trash out of the house, yet it can be hooked into your present central duct system. We think it's the handiest, most efficient wood heater on the market," says Jerome Hardy, head of Hardy Mfg. in Philadelphia, Miss., manufacturer of the new stove.

What's more, Hardy has hooked up with an Indiana manufacturer to provide a wood-powered air conditioning "chiller", which is powered by the wood heat to cool your house just like an air conditioner. At \$9,000 to \$10,000, Hardy admits the chiller option is an expensive item but he anticipates good demand, particularly in the South.

The Hardy furnace itself is priced at \$1,600, plus heating coils for inside at about \$200 apiece. The heater is actually a hot water boiler with a stainless steel firebox completely surrounded by water. The 80 gals. of water in the heater are circulated through 3/4 in. PVC or copper tubing to the home or barn being heated by a 1/3 hp. pump mounted in the heater. The firebox can handle logs up to 30 in. long.

"A big advantage of this furnace over hot air heaters is that hot water heat is more consistent. Once you've got the boiler heated, it will hold its heat for some time even if the fire burns down."

For more information, contact: FARM SHOW Followup, Hardy Manufacturing Co., Rt. 4, Box 156, Philadelphia, Miss. 39350 (ph 601 656-5866).



Sure-Flame burns for 12 hours on a load of wood or coal.

The "Sure Flame"

"Your existing furnace plenum and fan system move heated air from our furnace through existing ductwork," says Bob Whittlesey, production manager for Sure-Flame Mfg., Trenton, Ky. about the new Sure-Flame outside wood or coal burner.

Whittlesey says the new Sure-Flame is being used to heat new homes, as retrofits on older homes and for heating livestock and poultry barns. Work has also begun on adapting the Sure-Flame for grain drying.

"By putting the furnace outside, dirt, ashes, smoke and dust are kept outside, too. Because the chimney is also outside the house, there's no danger to the house from chimney fires. Insurance companies look favorably toward these furnaces because of the reduced fire hazard, although they should be placed at least 30 in. from a combustible outside wall and away from overhanging eaves," Whittlesey told FARM SHOW.

The Sure-Flame model 1000 is designed to put out 114,000 btu's at 700 cfm. The model 2000 is a 4-speed model that puts out 700 to 1,000 cfm. and 114,000 to 165,000 btu's. Both models are completely thermostatically controlled.

Whittlesey says the Sure-Flame burns for 12 hours on a load of wood or coal and needs just one weekly cleaning.

The furnaces have 6 in. insulation between the firebox and the outer wall. "Last winter, our prototypes were covered with snow that wouldn't melt because the stove was insulated so well," notes Whittlesey. The firebox is built from 3/16 in. plate steel lined with firebrick.

The Sure-Flame stands 48 in. high, 5 ft. long and 38 in. wide. The 6-in. dia. chimney is glass-lined to prevent rusting and creosote damage.

Price for the Model 1000 is \$1,595. The Model 2000 sells for \$1,745.

For more information, contact: FARM SHOW Followup, Sure-Flame, Inc., Box 107, Trenton, Ky. 42286 (ph 502 466-5555).