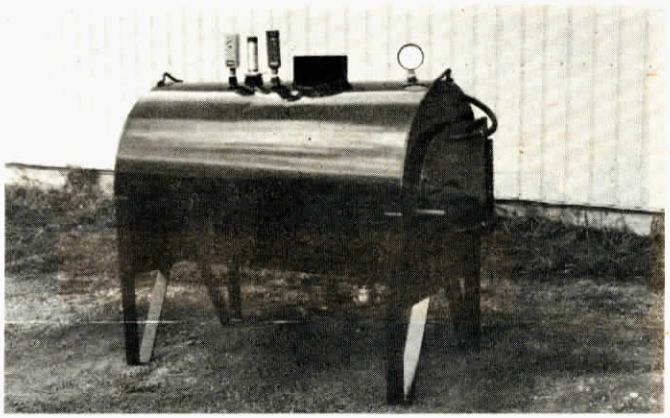


"It'll keep a large farm house comfortable for up to 12 or 16 hrs., unattended," says the manufacturer.

FARM SHOW

New Products Especially For Women And The Farm, Ranch Home.

BURNS WOOD, YET HEATS WITH WATER FOR THERMOSTATICALLY-CONTROLLED HEATING

You'll Like This New Outside Furnace

"We think it's the Cadillac of outside furnaces for farm homes," says Clinton Welte, Brooten, Minn., president of Welte Enterprises and inventor-manufacturer of the new Aqua-Therm, so named because of its water-jacketed fire chamber and door.

"It goes outside the home and ties into your existing furnace's ductwork," explains Welte. "Unlike most other outside wood-burning furnaces, ours is thermostatically controlled. It'll keep a large farm home comfortable for up to 12 or 16 hours unattended. What's more, because it's outside, you completely eliminate the mess of having wood or ashes inside the house."

Although it burns logs like a conventional outside furnace, the Aqua-Therm is different in that it uses water rather than air to conduct heat into the house. It's fire chamber is surrounded by a 42 gal. capacity water jacket. When the thermostat inside the house calls for heat, the Aqua-Therm's water pump kicks in to circulate hot water from the jacket through underground pipes which connect to a heat exchanger inserted into the ductwork of your existing inside furnaces.

"There's very little plumbing or other work to do in tying the outside Aqua-Therm to your inside furnace, whether it be a hot air or hot water system," explains Olav Isane, sales manager. "Welte has been building units on a custom basis the past four years and now, to meet growing demand, has set up an assembly line for producing our standard unit commercially. It really takes the work out of wood burning — all you do is feed in a few logs once in the morning and again at night. The furnace is fully automatic and takes over from there to provide whatever constant heat the thermostat setting calls for."

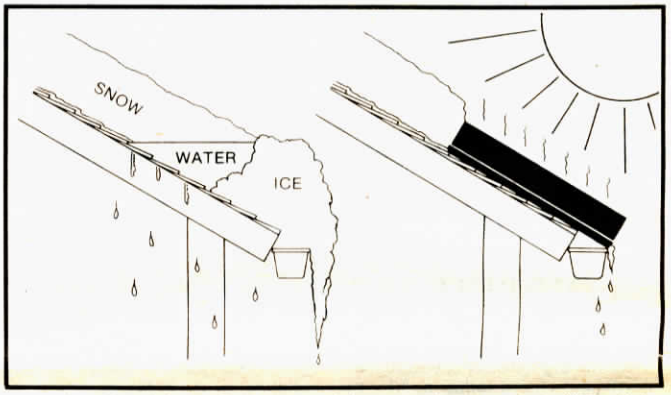
Isane notes that the unit can be located up to 200 ft. away from the house, preferably a corner of the garage, or with a small shed and wood-storage structure built around it. The water line connecting the unit to the house is insulated with urethane and only needs to be buried about 6 in. below ground.

Because of the water-jacketed firebox, no grates or firebrick are needed inside the burning chamber. Also, no insulation is used around the exterior of the furnace. "There's a reason for this," explains Isane. "In warm weather, with insulation around the stove, there would be so little heat loss that the fire inside would go out before the automatic thermostat called for any heat. Consequently, we build them without insulation, trading a small amount of heat loss for the convenience of a completely automatic, thermostatically-controlled wood stove."

When temperature of the water (or anti-freeze) in the jacket hits 180°, the draft fan shuts off, shutting off the flame in the now virtually air-tight firebox to a standby condition," explains Isane. "When it again calls for heat, the fan blows ashes off the coals and starts the wood burning again."

Sells for $1,000 and delivers upwards of 140,000 btu's. "That's enough capacity to heat most farm homes comfortably," says Isane. "We suggest that you leave your existing oil or gas furnace intact so it's there, ready for standby use, such as when you're away on vacation and there's nobody home to feed logs into the outside furnace."

For more information, contact: FARM SHOW Followup, Olav Isane, Sales Manager, Aqua-Therm, Welte Enterprises, P.O. Box 281, Brooten, Minn. 56316 (ph 612 346-2264).



Ice on the edge of the roof prevents melting snow from running off. The Solar Thaw overhangs from the roof 6 in., keeping a channel open and helping to prevent ceiling and wall damage.

"SOLAR THAW" REQUIRES NO ELECTRICITY

Simple Way To Solve Roof Ice Problem

Ice buildup on roofs prevents water from draining off, thus creating a buildup that can cause ceiling and wall damage inside the house.

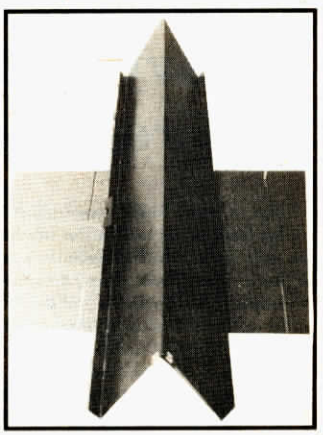
You can solve the problem slick as a whistle with the new "Solar Thaw", introduced by Future Tech, Inc., Mankato, Minn. It requires no electricity and installs without drilling or poking any holes into the roof. The V-shaped panel attaches to the roof via plates that slip under the shingle tabs. (For roofs without shingles, you can tar or cement the device into place.)

You simply mount one or two of the panels vertically on the south-facing roof, letting the 3 ft. long, 7 in. high solar thaw panel overhang 3 to 6 in. over the edge of the roof.

The V-shaped panel, with the 'point' side up, keeps a channel open for water to run off from behind the ice jam. The black metal also absorbs heat from the sun to melt surrounding snow and ice.

The Solar Thaw sells for $35.

For more information, contact: FARM SHOW Followup, Future Tech, Inc., P.O. Box 268, Mankato, Minn. 56001 (ph 507 625-6610).



The unit, made of metal and painted black, has a layer of felt insulation underneath to help hold heat.