

# Pest management policy created by Bergland

WASHINGTON, D.C. - Secretary of Agriculture Bob Bergland has announced a new department "integrated pest management" policy to effectively control pests with minimum adverse effect on man, wildlife and the environment.

The policy, in the form of a secretary's memorandum,

says the department will "develop, practice and encourage the use of integrated pest management methods that are practical, effective and energy-efficient."

Specifically, the secretary pledged to conduct and support cooperative research on resistant crops and livestock, beneficial

organisms, cultural practices and selective biological and chemical pesticides as well as other innovative methods that are proven or potentially effective in controlling pests.

The policy statement calls for cooperative projects to demonstrate the latest in pest management technology to all pesticides

users, from homeowners to farmers.

"This policy announcement means we will be placing increased emphasis on controlling significant pest populations with biological and other natural controls as well as with selective chemical pesticides," Secretary Bergland said.

However, he added, the policy "should not be interpreted as a move to eliminate the use of the pesticides that U.S. agriculture is dependent upon, because pesticides are part of the integrated pest management approach."

"The policy statement should be seen as an increased concern by the U.S.

Department of Agriculture for the health and well-being of all Americans and for the ecosystem of which we are a part."

Since World War II, a revolution in chemical technology has made normally bountiful U.S. farms even more bountiful, with hundreds of chemicals used to increase productivity, protect crops and cut labor needs, he said.

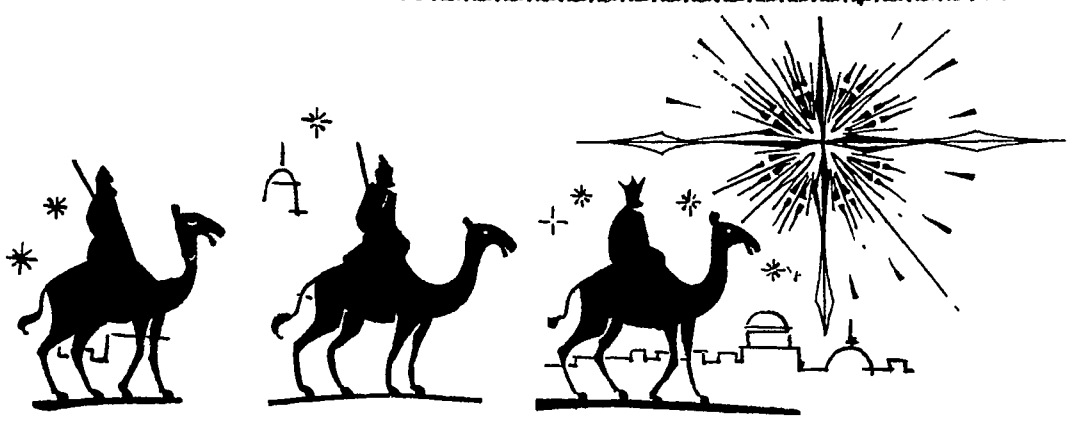
"But, in using these advances, we did not give enough thought to the eventual consequences to the environment and to people," the secretary said.

"As President Carter told Congress in his message on the environment last May, 'Americans long thought that nature could take care of itself, or—that if it did not—the consequences were someone else's problem. As we know now, that assumption was wrong: none of us is a stranger to environmental problems.'"

Secretary Bergland said the new policy is the department's effort to correct those problems "in the most responsible way possible."

The department will be guided by this new domestic policy in working with other countries on pest management, the secretary said.

The Work Group on Pest Management; representing 11 agencies of the department, will advise the secretary on ways to implement the new policy.



As the Wise Men followed the Star and found the Babe in Bethlehem, so may you find the true meaning of Christmas and be blessed with its message.

## THERMA•STOR Heat Recovery System (HRS)

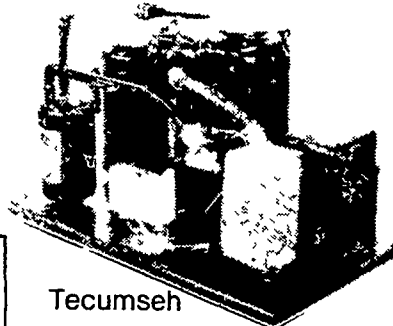
Designed to fit any existing system, the THERMA•STOR HRS is the ultimate example of energy conservation.

The THERMA•STOR HRS will produce all of your dairy hot water needs, without the use of electricity or fuel.

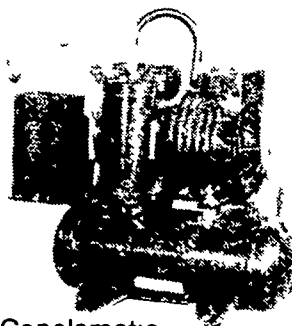
Conventional cooling systems use fan cooled condensers to remove the refrigerant heat. This wasted heat can now be saved with the use of the THERMA•STOR HRS. By replacing the fan cooled condensers with a THERMA•STOR, the heat from the hot refrigerant is transferred to cold water, which in turn becomes hot water. This process will heat about 1 gallon of water to about 110° for every gallon of milk being cooled. In addition, the THERMA•STOR produces and stores 1/3 of its capacity in Hot Water from 150° to 190°. (The precise temperature of water reached in this section is dependent upon total compressor H.P. and running time, see Chart for more details).

The THERMA•STOR HRS is available in two sizes: a single condenser, 100 gallon; or as a dual condenser, 170 gallon model. Both come equipped with male Aro-Quip fittings for use on existing systems or for use with a Tecumseh or Heavy-Duty Copelametic compressor.

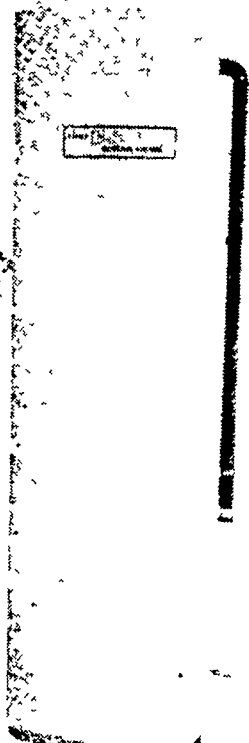
Water does not go through the compressor. The water is heated by the refrigerant gas from the compressor. Your existing compressor can remain outside.



Tecumseh



Copelametic



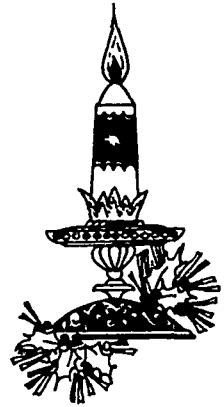
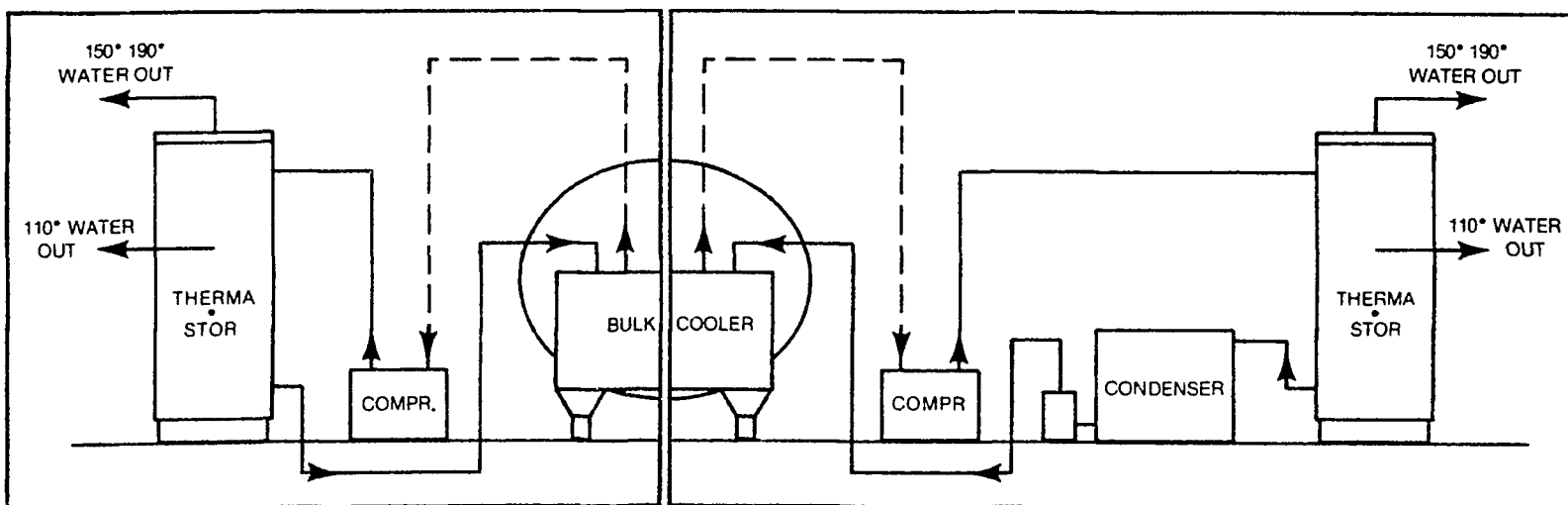
THERMA•STOR Dimensions (inches)  
Model 100—H = 84½, Dia = 21½  
Model 170—H = 87, Dia = 27½

Size	High Temp. Section Capacity	No. & Size Of Compr.	Compressor Oper. Time (HR)		
			1½	2	2½
100	33 Gal	(1) 3H P	150	160	165
		(1) 4H P	155	165	170
		(1) 5H P	165	175	180
170	57 Gal	(2) 3H P	150	160	170
		(2) 4H P	160	170	180
		(2) 5H P	170	180	190

Chart shows typical temperatures (F) reached in the high temperature section of the THERMA•STOR HRS as determined by total compressor horsepower and operating time. Temperatures and time shown assume proper refrigerant charge in system, efficient compressor operation and no pre cooler in system.

THERMA•STOR Condenser only

THERMA•STOR Condenser combined with existing air condenser.



With warm gratitude we wish you peace and ask His blessing for you this Yuletide.



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