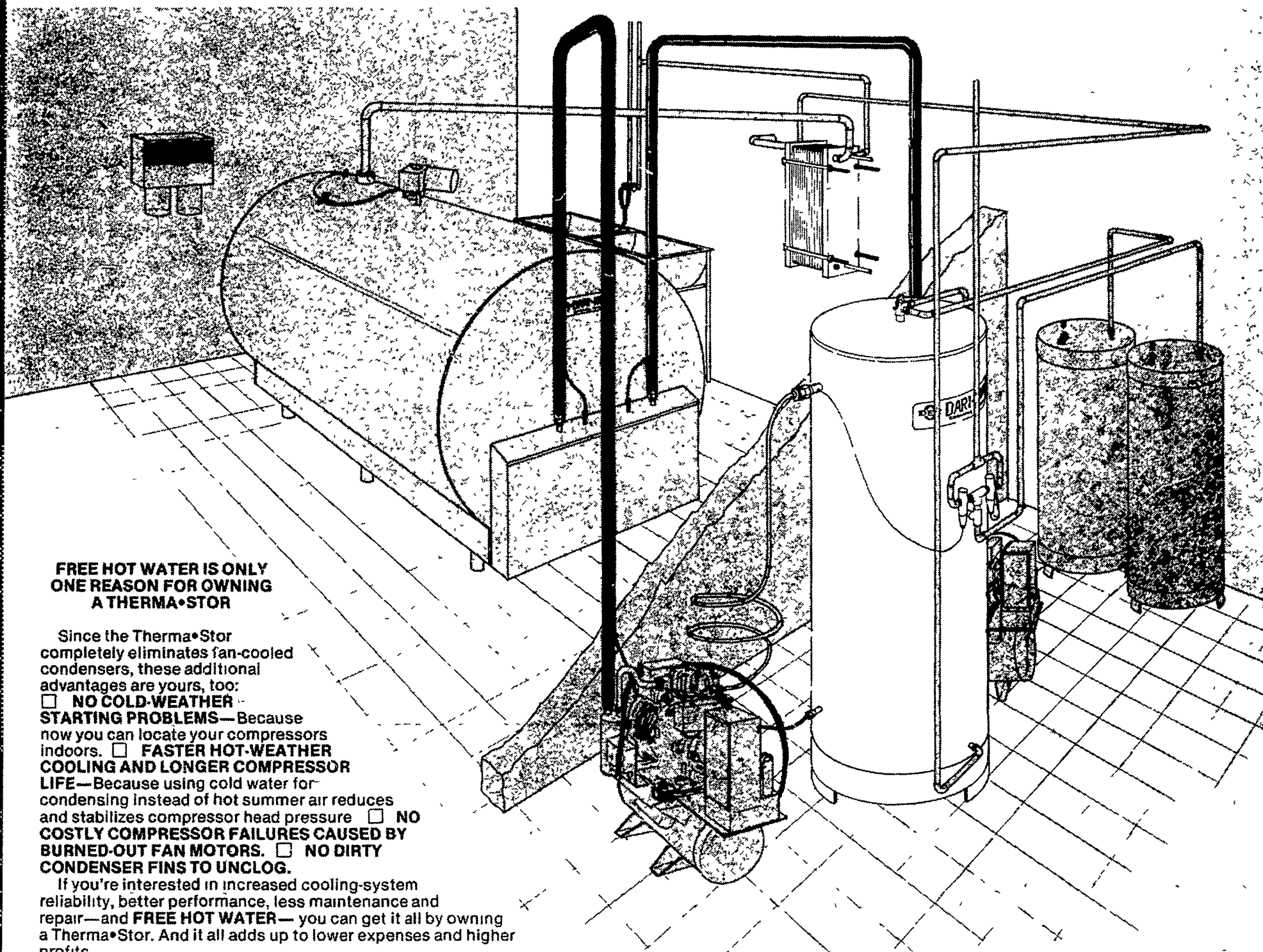


DUAL-TEMP

# THERMA•STOR by DARI•KOOL

**STOP AND SEE US AT BOOTH NO.'S 478-480  
AND SEE WHAT THERMA•STOR IS ALL ABOUT**



**FREE HOT WATER IS ONLY ONE REASON FOR OWNING A THERMA•STOR**

Since the Therma•Stor completely eliminates fan-cooled condensers, these additional advantages are yours, too:

- NO COLD-WEATHER STARTING PROBLEMS**—Because now you can locate your compressors indoors.
- FASTER HOT-WEATHER COOLING AND LONGER COMPRESSOR LIFE**—Because using cold water for condensing instead of hot summer air reduces and stabilizes compressor head pressure.
- NO COSTLY COMPRESSOR FAILURES CAUSED BY BURNED-OUT FAN MOTORS.**
- NO DIRTY CONDENSER FINS TO UNCLOG.**

If you're interested in increased cooling-system reliability, better performance, less maintenance and repair—and **FREE HOT WATER**—you can get it all by owning a Therma•Stor. And it all adds up to lower expenses and higher profits.

## CHECK THESE FEATURES

**SAVES THE ENERGY THAT CONVENTIONAL COOLING SYSTEMS WASTE . . .**

Because hot refrigerant from the compressor flows to the Therma•Stor instead of to an air-cooled condenser. The Therma•Stor transfers heat from the refrigerant to cold water, and the cold water rapidly becomes hot water. Simple, isn't it?

**YOU GET ABOUT A GALLON OF 110 DEGREE WATER FOR EVERY GALLON OF MILK COOLED**

Almost immediately after you begin milking, the Therma•Stor has 110 degree water available for use. Production of the 110 degree water continues during and after milking until all the milk has been cooled. (If 110 degrees isn't the exact temperature you want, you can adjust the regulator on the unit from 100 degrees to 125 degrees.)

NO. AND SIZE OF COMPRESSORS (HP)	TIME (HRS)		
	1½	2	2½
(1) 3HP	140	150	160
(1) 4HP	145	155	165
(1) 5HP	150	160	170
(2) 3HP	155	165	175
(2) 4HP	165	175	185
(2) 5HP	175	185	190

Chart shows typical temperatures (F) reached in the 50-gallon, high-temperature section of the Therma•Stor, as determined by total compressor horsepower and running time. Temperatures and time shown assume proper refrigerant charge in system, efficient compressor operation, and no plate cooler in system.

**AFTER MILKING, THE THERMA•STOR WILL STORE UP TO 140 GALLONS OF HOT WATER, AT TWO DIFFERENT TEMPERATURES, ALL BY ITSELF**

The Therma•Stor will hold up to 90 gallons of 110 degree water. That's more than enough for the after-milking needs of many dairy operations. Of course, extra storage tanks can be added if warranted by your operation.

And with every milking the Therma•Stor also produces and stores 50 gallons of hot water at anywhere from 140 degrees to 190 degrees. The precise temperature reached by this 50 gallons depends on your total compressor horsepower and the compressor running time.

Say, for example, you have two 3-hp compressors that run for about two hours at milking time. By the time they shut off, you can expect 50 gallons of water at 165 degrees. That's hot water—and many installations will do even better. (See chart) What's more, there are separate outlets for the 110 degree and 165 degree water. So you can wash your pipeline and perform general cleanup at the same time—all with the hot water from your Therma•Stor.

**WANTED** →

**WE HAVE NEED FOR USED BULK MILK COOLERS,  
SIZES 400 GAL. AND LARGER.  
BRING MODEL NUMBER TO BOOTH NO.'S 478-480  
AND ASK FOR  
TITUS BURKHOLDER.**

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