



Dari-Kool® Insta-Kool™ Compact Chiller

The Insta-Kool compact chiller from Dari-Kool is designed to provide your plate cooler with a dependable supply of coolant. The Insta-Kool compact chiller can be used to add cooling capacity or provide 100% instant cooling to dairies requiring a chiller in the 5 hp to 15 hp range.

This is the first compact chiller to make use of the advantages of a brazed-plate heat exchanger in its refrigeration system. This means the heat exchanger evaporator – exclusive to the Insta-Kool compact chiller – is lighter, more compact, and more efficient than other systems using traditional tube-in-shell (barrel chiller) heat exchangers. And the Insta-Kool compact chiller is easy to install, takes less space in your equipment room, delivers more cooling for your dollar, and is easily expanded from 5 hp to 10 hp to 15 hp as your cooling needs grow.

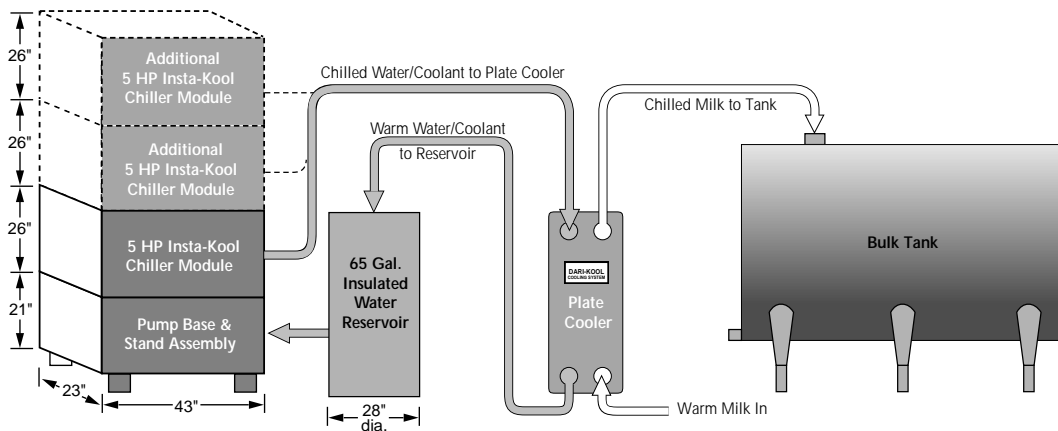
Another feature of the Dari-Kool Insta-Kool compact chiller is that each compressor module is a self-contained chiller section complete with its own microprocessor temperature control. Each compressor module can be set to turn on and off at slightly different temperatures so the chiller system can be “staged” to use only the compressors that are necessary to handle the cooling load during changing conditions. This design means that in the event one of the cooling units needs service, the remaining units will continue to provide cooling.

The Dari-Kool Insta-Kool compact chiller:

- Is adaptable to all milk cooling systems and operates independently of the milk tank cooling system
- Can be used with single-coolant or dual coolant plate coolers
- Has a modular design that can

accommodate up to two additional Insta-Kool 5 hp chiller units as your cooling needs increase - up to 15 hp

- Modules are stackable requiring less than ten square feet of floor space
- Features digital electronic temperature control for each module which translates into greater accuracy and dependability
- Has added safety and efficiency by allowing each module to function independently of the other unit(s)
- Modules can be staged for optimum milk cooling and to maximize cooling system efficiency
- Has water-cooled and remote air-cooled models available
- Is available in 208/230 volt 60 Hz and in either 1-phase or 3-phase models



Each 5 hp module is a complete, independent system guaranteeing more efficient operation by "staging" compressors to meet load requirements and added safety in the event of a component failure.

Water-cooled condensers have removable heads to make cleaning and inspection easier.

Digital read-out micro-processor control on each 5 hp module for greater accuracy and dependability.

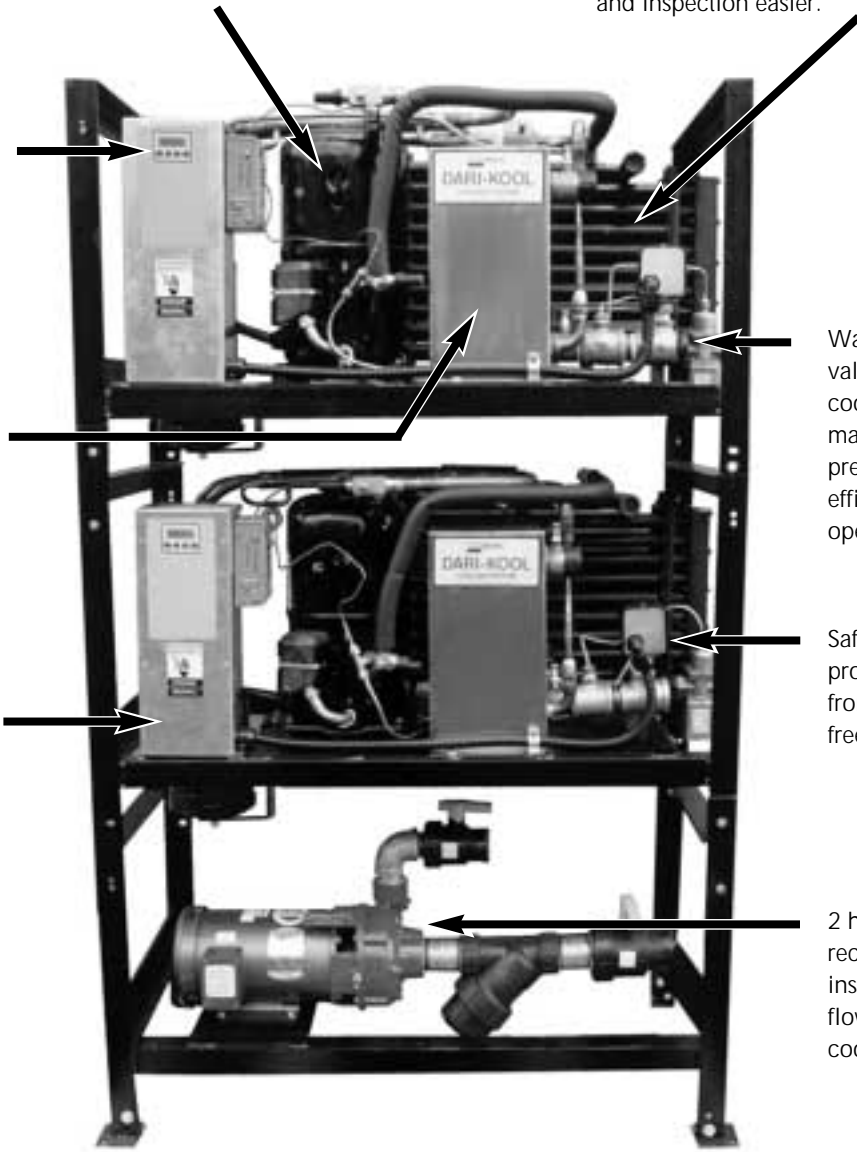
The most efficient chiller evaporator assembly available, insulated and protected in a sturdy stainless steel enclosure.

Available in either air-cooled or water-cooled designs, 208/230 volt, 1-phase or 3-phase.

Water regulating valves on each water-cooled condenser maintain proper head pressure for the most efficient compressor operation.

Safety flow switch protects evaporator from accidental freeze-ups.

2 hp to 3 hp water recirculating pumps insure proper coolant flow to your plate cooler.



Convenient stacked design takes less floor space, and allows for easy access to all components.

(10 hp water-cooled Insta-Kool shown)



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