



Dairy Chillers

Air & Water Cooled Scroll, Semi-Hermetic,
& Screw Chiller Systems



**WE BUILD SYSTEMS THAT FOCUS ON ONE GOAL:
TO KEEP YOUR EQUIPMENT RUNNING!**

DAIRY



Why Choose Drake?



1/4 ton to 200 tons air-cooled and water-cooled chillers



Technical site review and needs assessment



Custom engineering for specific industries



Outstanding after-sale technical support

Drake Refrigeration, Inc. has been manufacturing industrial process chillers since 1972 and offers a complete line of air-cooled and water-cooled chillers from 1/4 ton to 200 tons. Drake designs custom process chillers to meet a customer's particular needs when a standard chiller won't work. By maintaining a cost effective, yet dependable product line with many custom options, our client base has grown to include many industries and applications.

With close to 50 years of experience, we bring our expertise and engineering to every chiller we design, fabricate, and test to make sure we're providing reliability and ease of operation without sacrificing either. Our systems can be built to handle varying loads, multiple pieces of equipment, narrow temperature bands, near freezing water, low exiting temperatures, low and high ambient conditions, high return temperatures, corrosive environments, and many others. Drake is the industry leader in the design and manufacturing of industrial process chillers, and our chillers are available for quick delivery. Our business is built on creating custom engineered solutions for your specific cooling needs, with outstanding after-the-sale technical support and customer service.



Dairy Chillers

www.drakechillers.com

Drake Dairy Chillers vs. Off-the-Shelf Chillers

Stronger Performance

Standard chillers don't have the same built-in industrial-grade performance mechanisms to deliver the heavy-duty strength you need for your rugged dairy processes. A Drake Chiller will efficiently cool your dairy equipment with the temperature precision and unsurpassed reliability required to maximize output and profitability.

Tighter Temperature Control

A standard comfort chiller isn't built to give you precise temperature control you need like an efficient Drake industrial-grade dairy chiller. Our on-demand chilling and jacketed milk tank cooling helps you achieve the temperatures you need for high-performance dairy processing.

Year-Round Performance

For reliable, year-round performance, an off-the-shelf chiller can't stand up to industrial-grade dairy chillers. While standard chillers may perform well in warmer months, they can't keep up when the weather turns colder. Our year-round performing dairy chillers can keep your farm operations going, no matter the season.

Reduced Refrigerant Loss

Thanks to the jacketed milk tank cooling capabilities of our dairy chillers, there's no need for long runs of refrigerant piping. The glycol jacketed tanks work hard to reduce the risk and expense of losing refrigerant to the environment, and when paired with our chiller makes your system more productive and efficient.

Redundancy Options

Our glycol dairy chillers offer a variety of redundancy options to ensure your milk is always chilled when you need it. From multiple refrigeration circuits with standard lead-lag control to auto-changeover pumps, we design units that will keep your processes running smoothly.

Energy Conservation

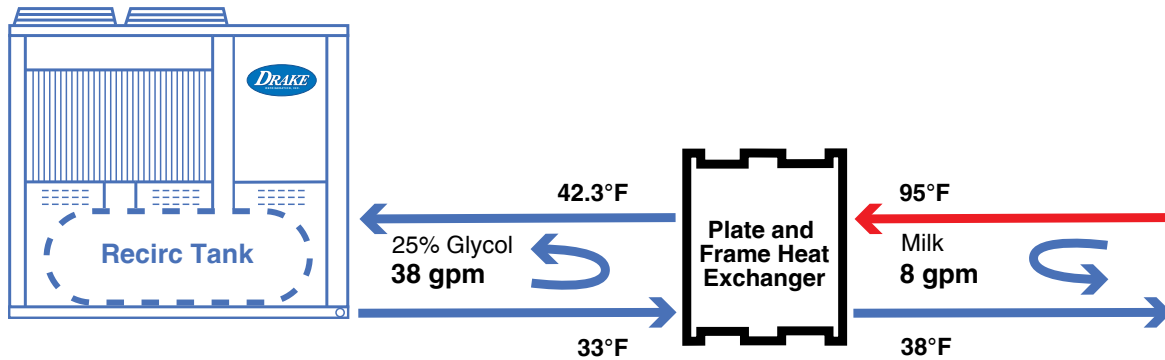
The operating cost of dairy chillers is just as important as the initial expense. A Drake chiller has economical solutions that reduce energy needs and minimize operational costs, with options such as variable frequency drives (VFDs), EC fan motors, and heat reclamation. With multiple refrigerant circuits or digital compressors, our dairy chillers are intelligent enough to work less while also getting the job done right. In the end, the more energy you save, the more money you earn.



Types of Dairy Cooling

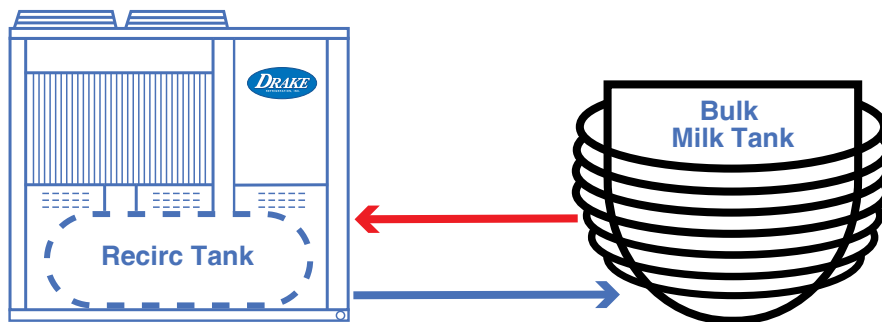
On-Demand Chilling:

Large scale chillers are designed to reach proper milk temperature in a single pass without the need of storage tanks. Single pass chilling reduces the cooling time and extends the shelf life of the milk. Cleanable plate and frame heat exchangers combined with precision controlled glycol tanks make short work of even the biggest dairy job. Our experience in working with dairy farmers has given us the understanding of the tough conditions on a farm and allows us to design a chiller that can take the heat.



Jacketed Milk Tank Cooling:

Glycol jacketed tanks eliminate the need for long runs of refrigerant piping, therefore reducing the risk and expense of losing refrigerant to the environment. Glycol chillers offer a variety of redundancy options to ensure that your milk is always chilled when you need it. From multiple refrigeration circuits with standard lead-lag control to auto-changeover pumps, our units are designed to ensure that your process is not halted.



Where To Find Drake

Drake is sold through most refrigeration wholesalers, so you are working with suppliers and contractors that you know and trust. Representatives are located throughout North, Central, and South America so you can get the support you need for all stages of the project.

Drake engineers are available to discuss your project directly and our service goes well beyond the start up of the equipment. The Drake service team is able provide over the phone technical support and remote login capabilities during the entire life cycle of a Drake chiller system. With over 40 years of experience delivering engineered solutions to a wide array of industries, Drake has the knowledge and know-how to design the ideal industrial process chiller for your application.

Drake build systems that focus on one goal: To keep your equipment running!

Call us today at 888-289-7299 to get started building your custom chiller.



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Manufactured in the USA.