



Medical Chillers

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



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

MEDICAL



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.



Medical Chillers

www.drakechillers.com

Drake Medical Chillers vs. Off-the-Shelf Chillers

Tighter Temperature Accuracy:

A standard off-the-shelf chiller isn't built to give you the precise temperature control your medical equipment requires. Drake medical chillers are uniquely designed for consistency and reliability to maximize the uptime of lifesaving equipment. We focus on process cooling to provide year-round operation, unlike standard comfort chillers that often develop refrigeration issues during colder months. A Drake recirculation system maintains temperature at +/- 1°F for accurate temperature control, and our capacity modulation options allow us to achieve a level of precision without high degrees of compressor cycling, which would otherwise cause short component life. Consistent temperature accuracy equals greater up-time for your medical equipment.

Reliability:

Standard off-the-shelf chillers are not intended to cool medical equipment. An industrial-grade medical chiller is the only way to ensure that you're getting the best performance and most uptime from your equipment. Drake always has the end customer in mind when designing and fabricating our medical chillers. You can rest comfortably knowing that our medical chillers will maintain a high up-time because of our redundant circuits and other backup systems. Drake has designed these chillers to operate from 120°F ambient all the way down to -40°F without any customer interaction. After the initial set up, the chiller will do the rest. When you are saving lives, the chiller is the last thing you want to worry about.

99.4% Uptime

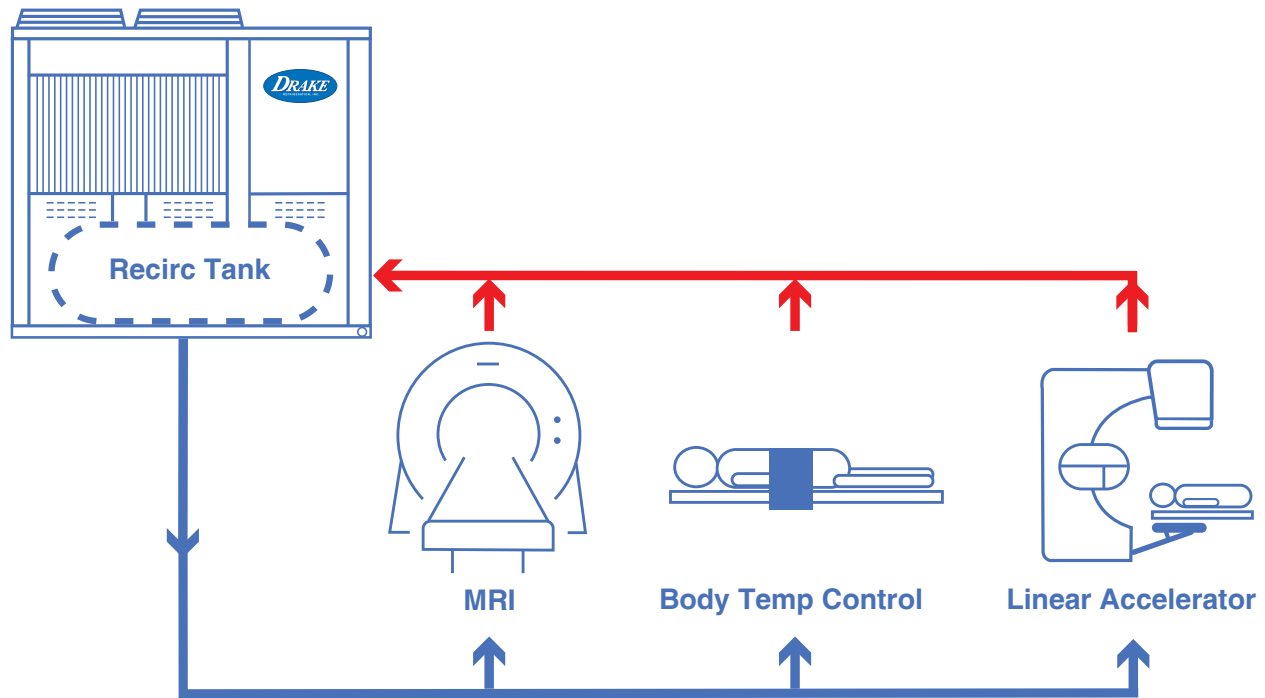
Thanks to our high-quality components and expert engineering and manufacturing capabilities, our chillers maintain a high uptime rate of 99.4% to keep your medical operation running strong. We are the industry leader in the design and manufacturing of industrial chillers. Drake provides robust, engineered solutions, and has the vast expertise to ensure your medical operation runs smoothly.

Next Generation Controls

Controls help you manage your system effectively. Drake chillers include onboard MCS microcontrollers as a standard feature for tighter process control and remote login access. From smart technology features to other customized control options, Drake offers custom programming for application control, central control for multiple units, and onboard or remote touchscreen options. Our systems can even be customized to send you an email and/or text alert in case of an alarm. Beyond these customization options we have the design and engineering expertise to fabricate a unique medical chiller tailored to your specific application. Whether you require fireproof wire, NEMA 4 electrical protection, preventative alarms, or something else, Drake has the expertise to help you manage your system.



Examples of Medical Cooling Applications



Critical temperature tolerances are difficult to maintain under varying conditions. Drake recirculation tanks can hold temps to $\pm 1^{\circ}\text{F}$.

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.



888-289-7299
www.drakechillers.com

Manufactured in the USA.