SOLUTIONS FOR LIQUID COOLING

Air-Cooled Chillers

Water-Cooled Chillers

Drop-In Chillers

Central Chillers
Indoor/Outdoor

Heat Exchangers

Custom Chillers
INDUSTRY LEADER

1-800-CHILLER
www.fluidchillers.com | KEEPING YOUR FLUID COOL
MARKETS SERVED

Over the years, there hasn’t been too much that we haven’t seen or done. We welcome new opportunities, and we are always anxious to get our hands dirty developing cost-effective solutions to new fluid cooling challenges. Please talk with us if your application is in one of the following markets: Laser, Machine Tool, Medical, Food, Chemical, Heat Treat, Filtration, Semi-Conductor, Welding, Vapor Degreasing, Power Generation or Dry Cleaning. The following is a partial list of companies that have become customers and remain customers because they appreciate the manner in which we do business.

Common fluids that our chillers hold at a constant temperature include: water, water/glycol, oil, acid, EDM fluids, and gasoline. You’ll find our chillers cooling equipment such as: lasers, MRI and PET scanners, machine tool cutting and grinding fluids, machine tool spindles, water jet pumps and tanks, and vapor degreasers. Chillers are used for everything from cooling bread dough to condensing vapor.

Fluid Chillers, Inc. offers university discounts and exceptional partnership programs. We currently have partnership programs with over 45 colleges and universities. If you have a fluid cooling application at your college or university, give us a call. We’d like to partner with you. The following is a partial list of our current partnerships:

- 3M
- ABB System House
- Alcoa
- Boeing
- British Petroleum (BP)
- Case IH
- Caterpillar
- Chrysler
- Coca-Cola
- Cummins
- Dow Chemical
- Exxon Mobile
- Ford Motor Company
- General Dynamics
- General Electric (GE)
- General Mills
- General Motors Corp.
- Hitachi
- Honda
- Jack Daniels
- John Deere
- Johnson & Johnson
- Kellogg’s
- KIA
- Lear Corporation
- Lockheed Martin
- Loctite
- Magna
- Miller Coors
- Nestle
- Owens Corning
- Post
- Rubbermaid
- Siemens
- Terex
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- Terex
- Toyota

The University of Alabama
Harvard University
Illinois State University
Indiana State University
Iowa State University
Lake Superior State University
University of Maine
Michigan State University
Michigan Tech University
University of Michigan
Montana State University
University of North Carolina
University of Notre Dame
The Ohio State University
Oregan State University
Penn State University
Purdue University
Syracuse University
UCLA
UNLV
Washington University
Air-Cooled Chillers are designed to remove heat from the fluid being cooled and then transfer it to the surrounding ambient air. Choose from 20+ models with the following standard features:

- 1/10 ton to 1000 ton central chillers
- Non-ferrous pumping systems
- Stainless steel tank with fully welded stainless couplers
- Indoor installation for standard models
- Custom outdoor installations available*
- All voltages are available for all models

**AIR SERIES CHILLERS** | Stand Alone Air-Cooled Chillers with Integrated Pump and Tank Systems

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (at rated conditions)</th>
<th>Piping (NPT)</th>
<th>Dimensions</th>
<th>Pump (options avail. for all unit)</th>
<th>Operating Voltage</th>
<th>Dry Weight (approx.)</th>
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<tbody>
<tr>
<td>AIR 0250</td>
<td>3,000 BTUs / HR</td>
<td>1/2&quot; 1/2&quot;</td>
<td>21&quot; 15&quot; 28&quot;</td>
<td>1/3 4 50</td>
<td>115v 9</td>
<td>135</td>
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<td>AIR 0300</td>
<td>4,000 BTUs / HR</td>
<td>1/2&quot; 1/2&quot;</td>
<td>21&quot; 15&quot; 28&quot;</td>
<td>1/3 4 50</td>
<td>115v 12</td>
<td>135</td>
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<td>AIR 0500</td>
<td>6,000 BTUs / HR</td>
<td>1/2&quot; 1/2&quot;</td>
<td>21&quot; 15&quot; 28&quot;</td>
<td>1/3 4 50</td>
<td>230/1/60 10</td>
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<td>AIR 1000</td>
<td>12,000 BTUs / HR</td>
<td>1/2&quot; 1/2&quot;</td>
<td>24&quot; 30&quot; 30&quot;</td>
<td>1/3 4 50</td>
<td>230/1/60 14</td>
<td>225</td>
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<td>18,900 BTUs / HR</td>
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<td>1/3 4 50</td>
<td>230/1/60 17</td>
<td>235</td>
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<tr>
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<td>24,000 BTUs / HR</td>
<td>3/4&quot; 3/4&quot;</td>
<td>28&quot; 38&quot; 36&quot;</td>
<td>1/3 10 28</td>
<td>230/1/60 22</td>
<td>380</td>
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<td>AIR 3000</td>
<td>41,000 BTUs / HR</td>
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<td>1 1/2 18 38</td>
<td>460/3/60 9</td>
<td>750</td>
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<td>61,000 BTUs / HR</td>
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<td>42&quot; 28&quot; 66&quot;</td>
<td>1 1/2 18 38</td>
<td>460/3/60 11</td>
<td>790</td>
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<td>AIR 7500</td>
<td>98,000 BTUs / HR</td>
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<td>59&quot; 36&quot; 66&quot;</td>
<td>2 38 38</td>
<td>460/3/60 17</td>
<td>790</td>
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<tr>
<td>AIR 10000</td>
<td>132,000 BTUs / HR</td>
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<td>59&quot; 36&quot; 66&quot;</td>
<td>2 38 38</td>
<td>460/3/60 23</td>
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<td>AIR 12000</td>
<td>160,000 BTUs / HR</td>
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<td>460/3/60 28</td>
<td>950</td>
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<td>AIR 15000</td>
<td>192,000 BTUs / HR</td>
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<td>AIR 20000</td>
<td>243,000 BTUs / HR</td>
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<tr>
<td>AIR 50000</td>
<td>598,000 BTUs / HR</td>
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<td>122&quot; 50&quot; 88&quot;</td>
<td>5 80 45</td>
<td>460/3/60 94</td>
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<td>AIR 80000</td>
<td>925,000 BTUs / HR</td>
<td>3&quot; 3&quot;</td>
<td>144&quot; 50&quot; 88&quot;</td>
<td>5 80 45</td>
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<td>AIR 140000</td>
<td>1,710,000 BTUs / HR</td>
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<td>AIR 160000</td>
<td>1,990,000 BTUs / HR</td>
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<td>AIR 180000</td>
<td>2,180,000 BTUs / HR</td>
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<td>2,510,000 BTUs / HR</td>
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</tbody>
</table>

“AIR” models are available in capacities up to 12,000,000 BTU/HR+. Please contact factory for additional information, specifications, and dimensions.
**WAT SERIES CHILLERS** | Water-Cooled Chillers
Water-Cooled Chillers are designed to transfer the heat from the fluid being cooled to a water source.

All Fluid Chiller models are available in water-cooled versions from 1/10 Ton Rack Chillers to 1000 Ton Central Chillers.

**Features:**
- Cleanable shell/tube type water condensers
- Modulating water valves available on request

**DI SERIES CHILLERS**
Drop-In Air-Cooled Chillers

Designed to sit in a customer supplied tank with their stainless steel coils submerged in the customer’s fluid to be cooled.

**Important:**
- Customer is required to provide tank and fluid depths to assure that the coils will be properly submerged in the fluid
- Remote coil packages available
- Sizes include 1/2 Ton to 100 Ton

**PUMP AND TANK SYSTEMS**
Our line of standard and custom engineered pumping systems are available for all types of fluids or materials. Pumps are configured to best suit the application.

**Features:**
- Stainless steel, plastic, or carbon steel tanks
- Individual temperature controllers
- Integrated pumps
- Skid mounted
- Low level shut off

**HEAT EXCHANGERS AND COMPLETE HEAT EXCHANGER PACKAGES**
Designed and built for every application in various industries.

**Our selection includes:**
- Submersed Coil Heat Exchangers
- Oil Heat Exchangers
- Water Heat Exchangers
- Food Grade Heat Exchangers

**Features:**
- Stainless steel or copper construction
- Cleanable shell/tube
- Plastic and teflon for acids and food grade
- Stainless steel brazed plate units
- Sized to fit customer’s tank

**CHILLER HEATER TEST STANDS AND CHAMBERS**
Designed for extreme cold or extreme heat testing, along with aerospace, automotive, and other material parts testing.

**Features:**
- Intricate test stands for hot and cold testing (water heaters, fuel systems, etc.)
- Industries include: aerospace, automotive, chemical, defense, and many others

Whatever your cooling challenge, our engineers will work to exceed your expectations.
SERVICE AND SUPPORT
Available around the clock...24 hours a day, 7 days a week, 365 days a year.
Fluid Chillers, Inc. prides itself on having one of the best and most responsive service departments in our industry. The delivery of one of our cooling systems marks the beginning of a lasting relationship with our valued customers.

Fluid Chillers, Inc. is a global supplier to industries around the world.

CUSTOM DESIGN AND ENGINEERING

• Accurate sizing and design of cooling systems to best fit customer requirements. Leonardo DaVinci once said, “Simplicity is the ultimate sophistication.” We apply this philosophy to our designs while striving to incorporate the utmost functional integrity.
• When systems are properly sized, designed, and installed, only minimum service is usually necessary.
• Partial installation, complete installation, and installation supervision is available globally.
• Engineering services for system layout and piping design.

ADVANTAGES OF FLUID CHILLERS, INC.

• US-based and privately owned
• Fast response to inquiries
• The best delivery times in the business
• Clean designs and advanced engineering
• Unsurpassed service and support
• Worldwide sales and support

SERVICE CONTACT INFORMATION:
Monday - Friday
8:00am - 5:00pm (EST)

Office: 517-484-9190 or 1-800-CHILLER
After Hours Emergency Line: 517-484-9190 or 1-800-CHILLER
Fluid Chillers, Inc. is a US-based manufacturer of industrial chillers, medical chillers, food chillers, oil chillers, and all process fluid cooling systems from 1/8 ton to 1000 ton capacity.

When we opened our doors, we specialized in coolants. We began by designing and manufacturing coolant chillers and coolers. Customers liked our quality, designs, delivery, and pricing. This led us to becoming the fastest growing chilling/cooler company in North America. Customers come to us daily with new fluid cooling applications, which has driven our continued expansion. Today, we cool almost any fluid. Thus, the name change to Fluid Chillers, Inc.

We are a Michigan-based company and have become an industry leader in the design and manufacture of custom chillers and standard chiller packages. You’ll find our equipment worldwide. Our success is directly related to our reputation for delivering a top quality product on time and at a fair price—providing the best service and support possible.

Fluid Chillers supplies chillers in various configurations: Air-Cooled, Water-Cooled, Portable and Split Systems. We also offer custom cooling systems that can be built to your specifications, including: automotive, aerospace, and medical industries. Heat exchangers and heat exchange packages, including pump stations, complete our line-up.

No matter your application, OEM or one-of-a-kind custom, please contact us to see what you have been missing. Give us a chance to earn your business. We are Fluid Chillers, Inc., offering solutions for liquid cooling, and we want to be your chiller supplier. Isn’t it time you experienced the best?