



**COMMITTED TO COLD**

## SINGLE STAGE

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Single stage air-cooled chillers are built with a compact design that is simple to operate and maintain. All chillers are built on a rugged and fully welded, powder coated steel platform, then enclosed in non-corrosive housings to provide years of dependable operation. All are ETL listed, factory charged and run tested.



### NANO

Originally launched as the perfect solution for the nano brewery or boutique winery in need of glycol temperature control, G&D's Nano Chill has been utilized in a wide variety of process cooling applications. Like all of our units, the Nano Chill is designed with care and built with the durable components of a powder coated steel frame and powder coated aluminum paneling. Even with a 1.5 horsepower unit and an oversized 12-gallon reservoir, the Nano Chill is completely mobile with its heavy duty, locking casters.



### MICRO

Our Micro Chill Series is available in 3 HP, 5 HP and 7 HP to cover the range of needs in smaller process cooling applications. With an oversized stainless steel reservoir and heavy duty process pump with built-in fluid dynamic bypass valve, these units provide precise cooling with the same quality components as their larger siblings, but in a more compact design with an equally compact price.



## MULTI STAGE

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The innovative Multi Stage Chiller package provides all of the efficiency that comes with chillers outfitted with multiple compressors. Capacities ranging from 10 HP to 54 HP are sure to meet even the most chilling of demands. Every circuit is wired separately, giving each compressor equal run time over the life of the chiller. These are designed to run on an as needed basis, which is ideal for applications with varying load requirements. Due to the multi-stage refrigeration circuit, the redundancy ensures that your process and production will never stop.





## MODULAR SERIES

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G&D's Modular Series Chillers are available in capacities ranging from 10 HP to 54 HP and are equipped with all of the features of our standard package chiller design. The difference is that these units feature an oversized process pump and massive glycol reservoirs with auxiliary ports for future chiller modules. As you phase in expansion these units provide you with the opportunity to phase in chiller modules, increasing chilling capacity as you grow. G&D Chillers is leading the way in providing you the solution for cost effective growth with modular glycol chilling.



## VERTICAL AIR

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Ideal for high volume operations, each chiller contains efficient semi hermetic compressors with unloaders. These are partnered with vertical discharge air cooled condensers built to maximize efficiency and capacity. These chillers are a complete package and turnkey units with oversized stainless steel reservoirs, process pumps, chiller pump, compressors, and condenser. G&D Chillers will help engineer the optimum solution right down to the placement and commissioning of your unit at your facility.



## PORTABLE

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The industry standard when it comes to portable chilling and heating is G&D's Fire & Ice portable heating and chilling unit. The Fire & Ice's roots stem from its early days of navigating busy wineries during harvest. Its functionality continues to expand whether it's in maintaining temperature control in a stainless steel varnish tank or heating apple juice up to yeast pitching temps.



The Fire & Ice is your solution when portability is a requirement. It comes standard with a 3 HP compressor, powder coated steel frame, 316 stainless steel skin, the ability to service 5 vessels at a time, and heavy-duty rubber casters for easy portability. Can't stand the heat? Don't worry; this unit comes in a chill only model, as well, featuring the same design and specifications.



## HEATERS

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G&D Chillers offers a variety of self-contained Glycol Heaters. We will size your heating demand and match your requirement to one of our package heaters. Offered as either a Portable or Stationary package each unit is built with the same high quality components and simple design as our chillers.



Portable units are built on the same platform our popular Fire & Ice unit uses and incorporates a low-watt density Incoloy heating element built specifically for heating glycol. The perfect solution for large heating demands is our Stationary systems. These units are available in either natural gas, propane or electric and utilize a stainless steel glycol reservoir, heavy-duty process pump and outdoor rated housing.



## CUSTOMIZATION

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Whatever your requirement might be we can build it! If you are limited on footprint availability, let us design you a practical yet effective solution where space is limited. Do you need to chill JP-8 jet fuel on a tarmac in Indonesia? We can do that too! Our team of engineers is ready to discuss and design the solution for your application, whatever it may be.

## PIPING ELEMENTS & DESIGN

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Along with every chiller purchased, G&D offers full design of your glycol piping system and a free consultation for your project. We will work with you or local contractors in your area to be sure that the glycol loop is sized and installed correctly. Call today to discuss our pre-insulated piping options and to take advantage of our many years of expertise in this industry to provide you with the best possible outcome guided by people you can trust.



INTERTEK 5570

**CALL US DIRECTLY 800.555.0973 OR VISIT US ONLINE AT [GDCHILLERS.COM](http://GDCHILLERS.COM)**



## 100% DEDICATED TO CUSTOMER SERVICE

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"G&D has been instrumental in the design and implementation of our constantly changing chiller system. Not only are their products top quality, but they are always available to answer any questions we might have, day or night. We would not have been able to build our winery without G&D."

– **JEFF BRINKMAN**, RHYS Vineyards

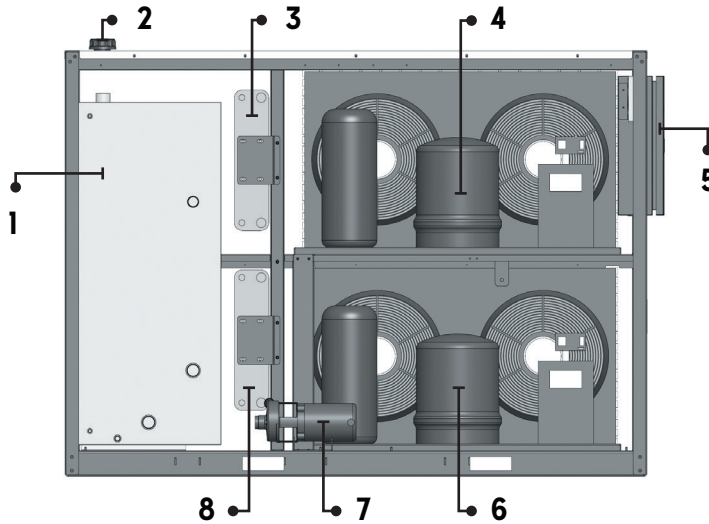
"G&D Chillers has been instrumental in keeping our production going. Their commitment to service has proved to be invaluable."

– **PAUL COOK**, Ninkasi Brewing Company

"They've adapted with us, helping us increase our chilling system as we've grown into a full size production facility."

– **RICHARD G. NORGROVE**, Bear Republic

# CHILLER LAYOUT



1. GLYCOL RESERVOIR
2. GLYCOL FILL
3. HEAT EXCHANGE
4. COMPRESSOR A
5. CONTROL PANEL
6. COMPRESSOR B
7. PUMP
8. HEAT EXCHANGE

## RELATED PRODUCTS



### PRE-INSULATED SCHEDULE 80 PVC PIPE

- The most economical solution to your pre-insulated glycol piping needs
- Polyurethane foam insulation
- Rigid outer shell



### GF COOL-FIT® PIPING SYSTEM

- ABS carrier pipe engineered specifically for chilled water/glycol applications
- Polyurethane foam insulation
- Pre-insulated joints and rigid outer shell



### GLYCOL CIRCUITED FAN COILS

- Industrial design
- Used for walk-in/cold room applications
- Optional stainless steel housing and ElectroFin® coated coils



### ASCO RED HAT VALVES

- Industry standard in the winery and brewery industry for over 20 years
- Full brass body for years of corrosion-free use
- Zero PSI pressure differential



### BELIMO VALVES

- All stainless steel valve body
- Industry leader in actuating valves
- Spring return slow closing valve to avoid water hammering
- Positive shut off



### DIGITAL TEMPERATURE CONTROLLERS

- Easy to read digital display
- Simple to use arrow up/down control
- Available in multiple control voltages
- Optional networking capabilities



### REFRACTOMETER

- Light & compact
- Measures glycol to water percentage quickly and accurately



### INHIBITED PROPYLENE GLYCOL

- Available in containers of 5 or 55 gallons
- 97% concentrated with rust inhibitors
- Non-toxic food grade



### HOSE & BRASS QUICK DISCONNECTS

- Heavy duty braided rubber hose
- Non-corrosive brass male & female quick disconnects

1.800.555.0973  
GDCHILLERS.COM







BREWERIES



WINERIES



DISTILLERIES



CIDER



KOMBUCHA



AGRICULTURE



MEDICINE



INDUSTRIAL



# QUALITY CHILLERS

WITH INNOVATIVE SOLUTIONS AND DEDICATED SERVICE

**WITH OVER 50 YEARS OF COLLECTIVE EXPERIENCE IN THE REFRIGERATION INDUSTRY, OUR EXPERTISE GOES FAR BEYOND THE DESIGN AND IMPLEMENTATION OF CUTTING-EDGE CHILLING SYSTEMS.**

We are as committed to the cold as we are to our clients. We strive to build long lasting partnerships by offering on-going technical support from our team of engineers, all backed by our satisfaction guarantee.

G&D Chillers offers a wide-range of options, from small portable chillers and heaters to large custom chilling units. All of our units are ETL approved in both the United States and Canada. We offer standard package chiller designs that have been tested for over 20 years in the field. Many of the leading wineries, breweries, distilleries, medical and industrial manufacturers in the USA and around the world turn to us for innovative Glycol Chilling Systems.

- Modular Designs for Expansion
- Multiple Compressors for Redundancy
- 1-300 Horsepower
- Large Reservoirs
- Ability to Customize Any Unit
- 24/7 Service

We engineer the finest quality chilling systems in the USA. **1.800.555.0973** **GDCHILLERS.COM**