



 **KOOLMed**
Medical Imaging Chillers

The all new
**Global Chiller
Platform**

Premium and Critical Features for
Diagnostic Imaging Manufacturers

A Smart Investment for Smart Facilities

Whether you're managing imaging suites or lab environments, **GCP chillers** offer the reliability and intelligence your operation demands. Multiple cooling capacities from **36kW – 100kW**, specifically designed to provide **stable, fully dedicated cooling** for your MR system's needs.

Micro-Channel Coil Design

Our advanced micro-channel architecture delivers superior heat transfer, **reduced refrigerant usage**, and **enhanced durability**.

Redundant Designs

The Koolant Koolers brand has become a leader in the manufacturing of **reliable** and **efficient** chillers in the medical MR industry.

- Dual pumps provide **complete redundancy in case of pump failure**.
- Automated pump rotation for **increased longevity** by load sharing.
- Dual refrigeration circuits provide over **99% system uptime**.

IoT Technology

Dimplex Thermal Solutions provides industrial **IoT hardware** and cloud-based data collection services to support our chiller units.

The service includes the below data while adhering to the data retention policy.:

- **Sensor data collection**
- **Fault detection**
- **Uptime monitoring**
- **Product issue identification**



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The Technology & Specifications Behind Our New Designs



Features:

- Air-cooled design with high-quality components
- Seismic spring mounts for compressors and pumps
- Powder coated cabinet for protection in coastal regions
- Removable side panels for easy access to interior
- Ambient temperature range from -40° - 122°F
- 50/50 Water-Glycol

Model Name	G02-7500	G02-2-5000	G02-2-10000
Input Power	460V (+/-10%) 3 Phase 60Hz		
Nominal Capacities	122,837 BTU @ 36kW – 153,540 BTU @ 45kW	167,194 BTU @ 49kW – 214,956 BTU @ 63kW	238,850 BTU @ 70kW – 341,200 BTU @ 100kW
FLA (Amps)	53	75	112
MCA (Amps)	57	78	117
MOPD (Amps)	70	90	125
SCCR (kA)	10	10	10
Number of Compressors	2	4	
Refrigerant	R454B		
Number of Refrigerant Circuits	2		
Number of Pumps	2		
Nominal Flow: GPM (LPM)	20 GPM (75.7)	33 GPM (124.9)	35 GPM (132.4)
Nominal Supply Pressure: PSI (Bar)	70 PSI (4.8)	70 PSI (4.8)	70 PSI (4.8)
Non-Seismic Crated Weight: lbs. (kg)	2,034 lbs. (922.6)	2,159 lbs. (979.3)	3,107 lbs. (1409.3)
Non-Seismic Uncrated Weight: lbs. (kg)	1,934 lbs. (877.2)	2,059 lbs. (933.9)	3,007 lbs. (1363.9)
Non-Seismic Operational Weight: lbs. (kg)	2,434 lbs. (1104)	2,559 lbs. (1160.7)	3,507 lbs. (1590.7)
Seismic Crated Weight: lbs. (kg)	2,100 lbs. (952.5)	2,469 lbs. (1119.9)	3,339 lbs. (1514.5)
Seismic Uncrated Weight: lbs. (kg)	2,000 lbs. (907.2)	2,369 lbs. (1074.6)	3,239 lbs. (1469.2)
Seismic Operational Weight: lbs (kg)	2,500 lbs. (1134)	2,869 lbs. (1301.4)	3,739 lbs. (1696)
Non-Seismic Length: in (mm)	90.7" (2305)	90.7" (2305)	110.5" (2807)
Non-Seismic Width: in (mm)	37.4" (949)	37.4" (949)	48.3" (1227)
Non-Seismic Height: in (mm)	88.7" (2254)	88.7" (2254)	91.6" (2326)
Length: in (mm)	88.9" (2,265.6mm)	88.9" (2,265.6mm)	108.8" (2,764mm)
Width: in (mm)	37.4" (868.6mm)	37.4" (949mm)	44.6" (1,132mm)
Height: in (mm)	89.5" (2,274mm)	89.5" (2,274mm)	92.6" (2,352mm)

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At Home on Three Continents



Our Promise

Your investment in Dimplex Thermal Solutions equipment is backed by **24/7, unparalleled global service and support**. The products built in our QMS certified facility use high-quality components, backed by an **18-month parts and labor warranty** that redefines industry standards.

Once installed, trust Dimplex Thermal Solutions' knowledgeable **Technical Service Team** and support staff to be alongside you throughout the life of your chiller.

Service packages are available for all systems to assist with **start-up** and **preventive maintenance** — all designed to avoid costly downtime.

Sales/Service Contact Information

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Emergency service available 24/7

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Startup & Commissioning Inquiries

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Parts and Accessories

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Available 8 AM-5 PM EST

Warranty Coverage

- 12-month Warranty from Startup*
- Full Parts and Labor Coverage
- 24/7 Phone Support
- Chiller Startup Performed by a DTS Certified Tech
- Planned Maintenance Visit(s)

** Not to exceed 18-months from ship date (I would make this very small and at the bottom of the page, or add a note about some caveats apply)*

Post-Warranty Coverage Plan

- Full Service Contracts
 - Four-hour Response Time for Down Units
 - 30-Minute Callback
- Time and Material Services
- Multi-vendor Chiller Support
- 24/7 Phone Support
- Two Planned Maintenance Visits

Attention: All Service emails need to be directed to our Group Emails; individual team member can be listed in the CC if wanted. This approach ensures better coverage and workflow by considering workload, vacations, and the division of duties. By doing so, we can guarantee that all dispatches and inquiries are promptly addressed, minimizing the risk of any being overlooked.