



 **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.