



# MRI Hydronic Cabinets

Custom, Reliable Hydronic Systems  
[WWW.TAMASHYDRONIC.COM](http://WWW.TAMASHYDRONIC.COM)

**MEDI**  **COOL**  
By TAMAS HYDRONIC

## HOW CAN YOU MAXIMIZE THE UPTIME OF YOUR MRI?

Your MRI's uptime depends significantly on the cooling system. You can increase the system's availability by adding redundant components, such as the MediCool Hydronic Cooling Cabinet solution from Tamas Hydronic Systems.

A typical MRI cooling system relies on a dedicated chilled water system to supply the cold water that cools the various components of the MRI machine, including the superconducting magnet and helium compressor. Tamas Hydronic MRI solution offers cooling Cabinets to meet this requirement reliably and efficiently.

The Tamas MRI Hydronic Cabinets are designed for distributing hydronic cool for a medical imaging equipment. The Cabinets can be utilized for cooling the superconducting magnet and helium compressor of a MRI machine.

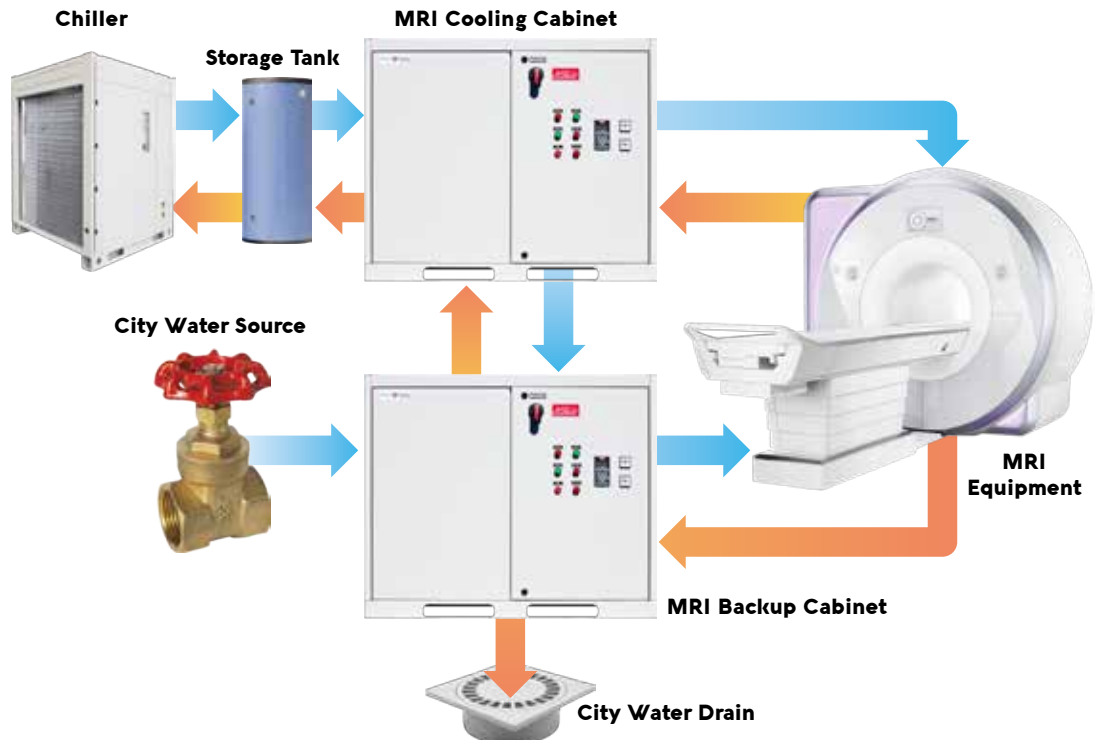


### Tamas MediCool System

Tamas MRI hydronic cooling cabinets will be connected to the chiller and city water on one end and the superconducting magnet and helium compressor on the other end. If the chiller is at fault, the cooling cabinet will automatically switch to city water to cool the helium compressor indirectly, through the heat exchanger.

#### 1 Cooling Mode

Chilled water cools the MRI machine equipment.



#### 2 Backup Mode

City water provides cooling while chiller is maintained/ repaired.

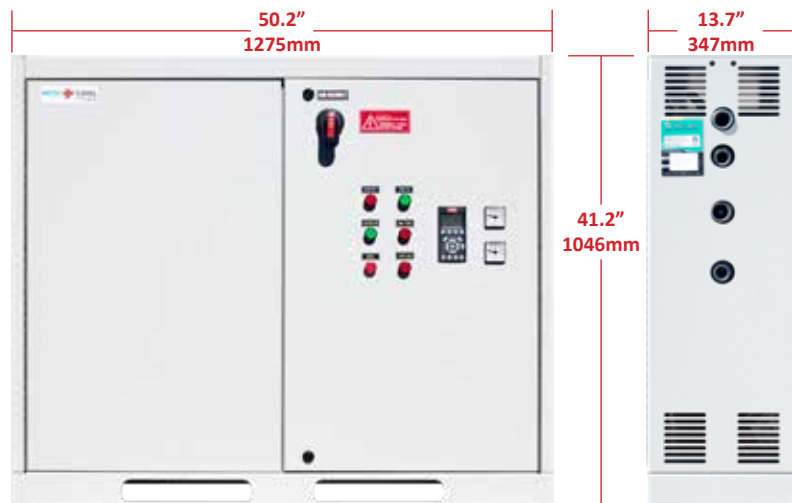
## Service/Maintenance

The Tamas MediCool MRI Cooling System is compact, and features an easy-to-open door on front of panel that provides access to valves and filter and other devices for routine maintenance.

The complete unit is housed in a white powder coated steel frame, with system temperature indicators, shut off switches and power accessible on the front of the system.



Attractive enclosure keeps equipment secure, while still allowing for maintenance access



## Plug & Play Solution

The Tamas MRI Hydronic Cooling Cabinet System is a completely integrated and remotely manageable solution.

The hydronic cooling cabinets are factory built and tested. Solutions offer:

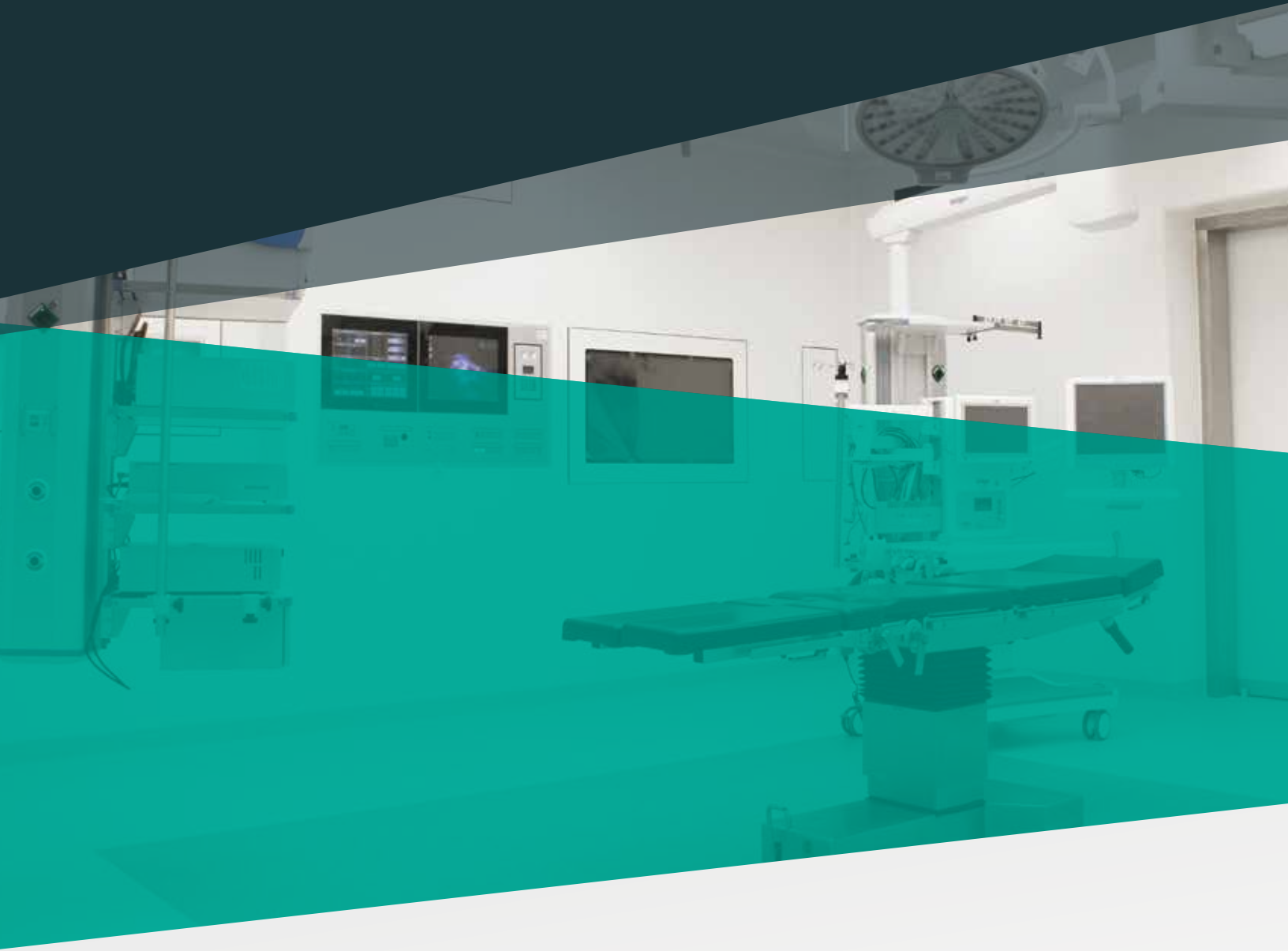
- *Reduced design and installation time*
- *Predictable start up and commissioning*
- *Increased equipment availability*

## System Information in the Palm of Your Hand

Tamas MRI Hydronic Cooling System has the ability to continually gather data on the status of the system flow, temperature and pressure for supply and return.

For service providers, such a valuable maintenance tool can also be a source of recurring revenue, one that's of far greater value in the long term than the initial MRI cooling system sale.





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