

Chillydyne's rack manifolds feature low-cost quick connectors that allow operators to connect and disconnect hot and cold lines without shutting down the system due to the negative pressure. The liquid cooling system is available with a variety of manifolds for raised or concrete floor operation.



*OCP Rack Manifold at Sandia National Labs*

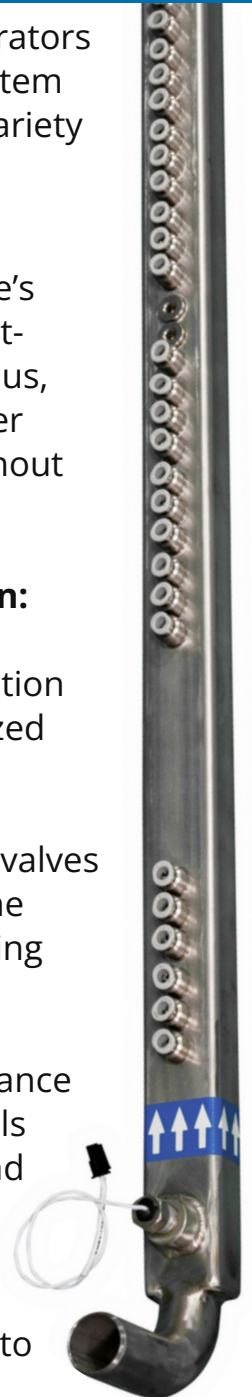


## INTERNAL SERVER MANIFOLD (GPU)

The internal server manifold evenly distributes coolant to GPU cold plates. Servers and cards can be individually and easily removed for service.

## KEY FEATURES

- **Leak-Free Operation:** Chillydyne's cooling system allows server hot-swapping and enables continuous, leak-free operation during server maintenance and additions without downtime.
- **Flexible & Scalable Installation:** Quick connectors and no hard plumbing enable simple installation and expansion without specialized labor.
- **Adaptable Cooling:** Innovative valves maintain uniform flow across the manifold even while hot-swapping servers.
- **Robust Design:** Low flow resistance and corrosion-resistant materials provides long-term reliability and performance.
- **Rack Compatibility:** Multiple mounting options are available to integrate with all server racks.



**Chillydyne's innovative negative pressure technology creates a vacuum to circulate water by pulling it through the cooling system. This approach removes the need for costly, heavy-duty plumbing to the racks, ensures easy setup and upkeep, and eliminates leaks in a system with no single point of failure.**