



Liquid Cooling - Manifold



Rack-Mounted Manifold provides an interface between Cold Plate Loops in the server and the CDUs. Inova Manifolds are constructed of reliable stainless steel and are combined with dry-disconnect, drip-free quick couplings.

PRODUCT FEATURES

Automatic Air Vent:

Efficient automatic air venting mechanism positioned at the top ensures continuous and hassle-free operation.

Hot-Swappable Bleed Valve:

Designed for quick and easy replacement without the need for system shutdown, ensuring minimal downtime and leakage during maintenance.

Uniform Flow Distribution:

Engineered for consistent and even distribution of flow across the system, enhancing performance and efficiency.

Optional Feed Configurations:

Customizable to support both top feed and bottom feed configurations, offering versatility to suit various installation setups.

Leak-Proof Design:

Advanced sealing technologies ensure a completely leak-free operation, providing reliability and peace of mind.

Nitrogen Holding Pressure Shipping:

Shipped under nitrogen holding pressure to maintain cleanliness and airtight conditions, ensuring optimal performance upon installation.

Scalable Quick Connection Options:

Flexible connection types and branch quantities can be scaled to meet specific system requirements, providing adaptability and ease of integration.

Selectable Inlet and Outlet Quick Connectors:

Multiple quick connector types available for both inlet and outlet, allowing for tailored connectivity solutions.

High Reliability with Process Customization:

Built to high standards of reliability with options for process-specific customizations, catering to diverse industrial needs.



PRODUCT SPECIFICATIONS

Feature	Description
Orientation	Vertical
Configuration	Single or Double
Server loop spacing	Based on rack units "RU" size (44.45mm / 1.75") for EIA-310-E rack or other industrial standard
Geometry	Square or circular cross section
Raw material	Stainless Steel
Server loop connection size	Hose ID, 1/4", 3/8", 1/2", etc. based on system flow requirement
CDU connection size	Hose ID, 3/4", 1", 1.25", etc. based on rack flow requirement
Operating temperature range	17°C - 65°C
Shipping temperature range -	-40°C – 75°C
Surface treatment	Passivation / pickling / electropolishing / Plating / coating etc.
Feed orientation	Top feed or Bottom feed depending on data room infrastructure.
Compliance	CE, RoHS