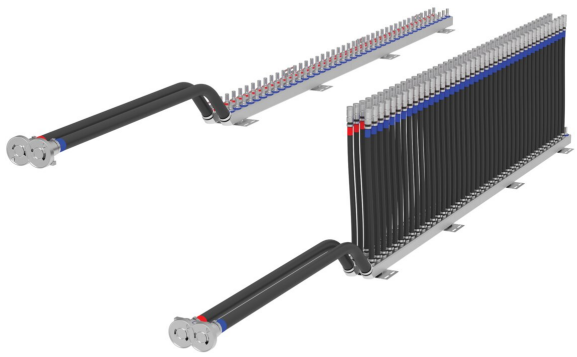
# RackChiller Rack Manifold

## Data Solutions



RackChiller Rack Manifolds are a configurable solution utilized in liquid cooled applications that require increased uptime and improved power usage effectiveness. Designed with integration and installation in mind, the manifolds utilize plug-and-play style connections, universal mounting features and coexist with other data center accessory equipment.

### FEATURES

- Delivers water-based coolant from CDU unit or facility manifolds to cold plate equipment
- Standard configuration uses jumper hoses to connect manifold to cold plate equipment (jumper hoses sold separately)
- Hose-whip configuration connects directly to cold plate equipment utilizing hose-whips attached directly to the manifold
- Various dripless, quick disconnect connectors available to match existing cold plate equipment
- Button-style mounting to be used with universal mounting brackets (also used with RackPower PDU products)
- Increases data up-time
- Extends server equipment life span
- Improves data center power usage effectiveness, providing annual return on investment
- Multiple connectivity options to match downstream cooling equipment needs
- Plug-and-play style installation
- Universal mounting features to coexist with other rack accessory equipment (i.e. PDU's, cable management, airflow management, etc.)
- Two major configurations designed to service alternate secondary cooling loop products
- 1.50 x 1.50 (38mm x 38mm) extruded stainless steel construction
- Friction-drilled, ORB-6 port threads

Standard manifolds utilize Parker NSP-06 quick disconnect connectors

Eaton FD-83 supply/return ball valve connector

## SPECIFICATIONS

| Catalog Number | Article Number | Configuration | Material | Finish | Color |
|---|---|---|---|---|---|
| RCM42001 | 56824 | Standard | Stainless Steel | Passivated | Black |
| RCM42001H | 56825 | Hose Whip | Stainless Steel | Passivated | Black |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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