

RackChiller CDU100 Coolant Distribution Unit

Data Solutions



The nVent HOFFMAN RackChiller CDU100 is a rack-based CDU, built for the needs of today's most demanding HPC requirements. Capable of managing 100kW+ of heat load in a remarkably small 4U of space. The RackChiller CDU100 is an extremely efficient heat exchanger that uses ASHRAE W4 warm water to manage processor and component heat.

INDUSTRY STANDARDS

UR/cUR Recognized

CE

FEATURES

Manages 100kW+ of processor load per network

Compatible with ASHRAE W4 warm water cooling

N+1 redundant centralized pumps

Dry-break quick disconnects (optional)

5-inch LCD screen with touch functionality

Integrated control and monitoring system (Webserver, Modbus, SNMP)

Internal and external leak detection system

4U rack-mount chassis

Warm water cooling reduces the need for chillers

Quick and easy installation and service

Pump redundancy: 2 pumps for n+1 redundancy

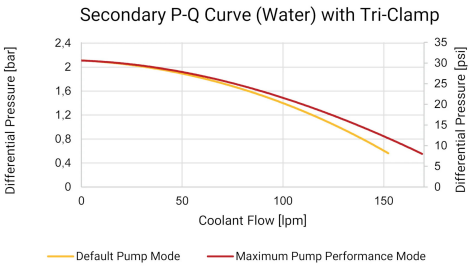
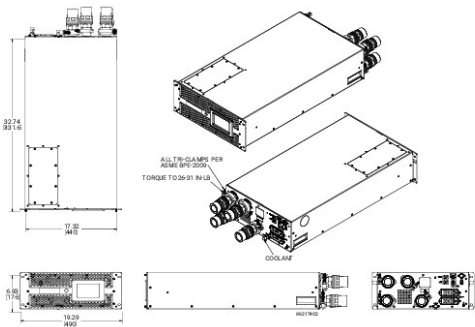
SPECIFICATIONS

Table 1/3						
Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Material	Finish
CDU1002R001	57122	177mm	430mm	950mm	Mild Steel	Plated
CDU1002R001Q	57121	177mm	430mm	950mm	Mild Steel	Plated

Table 2/3						
Catalog Number	Article Number	Color	Color Code	Volume	Rated Voltage	Rated Frequency
CDU1002R001	57122	Jet Black	RAL 9005	15.6l	100 – 240V	50 – 60Hz
CDU1002R001Q	57121	Jet Black	RAL 9005	15.6l	100 – 240V	50 – 60Hz

Table 3/3			
Catalog Number	Article Number	Rated Load Current Range	Type
CDU1002R001	57122	10 – 15A	Unfilled, with CGB25
CDU1002R001Q	57121	10 – 15A	Filled, with CGB25

DIAGRAMS



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.

