

RackChiller CDU800 Coolant Distribution Unit

Data Solutions



The nVent HOFFMAN RackChiller CDU800 is designed for efficient and safe supply of IT equipment. The entire system is focused on providing the highest reliability, availability, and serviceability for supporting direct-to-chip liquid cooling. The CDU800 is fed from a primary facility water system (FWS), where the integrated pumps drive the secondary technology cooling system (TCS) cooling loop flow. The heat exchanger transfers the excess heat from the secondary coolant to the primary. The complete system is integrated into an aesthetical enclosure with removable side panels and doors. The CDU can be installed onto a slab or raised floor, in-row with equipment racks or into a separate facility room.

INDUSTRIENORMEN

UL/cUL Listed; File No. SA7402

CE

KENMERKEN

800+kW of cooling capacity @ 6K (850 LPM Primary)

Redundant high-performance, leak-free pump system

Integrated variable speed drives

Coolant connections through top or bottom panel

Integrated 10-inch touch panel display

Remote control features through Ethernet, SNMP v3, Modbus

On-board integrated leak detection

Unrivalled power density – fits into standard data center footprint

Serviceable during operation – no need for shut down during system maintenance

Redundant system layout minimizes risk for single points of failure

Integrates with nVent Guardian Management Gateway and sensors portfolio

SPECIFICATIES

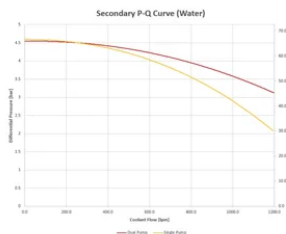
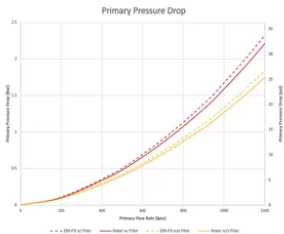
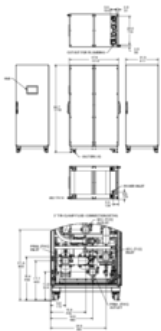
Kleur: Zwartgrijs

Materiaal: Plaatstaal
Afwerking: Verzinkt
Kleurcode: RAL 7021

Table 1/2						
Catalogusnummer	Hoogte (H)	Breedte (W)	Diepte (D)	Spanningsbereik	Fasehoeveelheid	Nominale frequentie
CDU8004LA03A	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz
CDU8004LA03B	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz

Table 2/2						
Catalogusnummer	Nominale stroom/nominale spanning	Stroomverbruik	Country of Origin	Nominaal belastingsstroombereik	Geluidsniveau	Type
CDU8004LA03A	40	22.2W	United States	47.5A min	68dB	Met primaire filtratie
CDU8004LA03B	40	22.2W	Germany	47.5A min	68dB	Met primaire filtratie

DIAGRAMMEN



WAARSCHUWING

nVent-producten moeten alleen worden geïnstalleerd en gebruikt zoals aangegeven in de instructiebladen en trainingsmateriaal van nVent. Instructiebladen zijn beschikbaar op www.nvent.com en bij uw nVent klantenservicevertegenwoordiger. Onjuiste installatie, misbruik, verkeerde toepassing of ander falen om de instructies en waarschuwingen van nVent volledig te volgen, kan leiden tot productstoringen, schade aan eigendommen, ernstig lichamelijk letsel en de dood en/of uw garantie ongeldig maken.



Ons krachtige merkenportfolio:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE