

RackChiller CDU800 Kylvätskefördelningsenhet

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.

BRANSCHSTANDARDER

UL/cUL Listed; File No. SA7402

CE

DESIGN

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

SPECIFIKATIONER

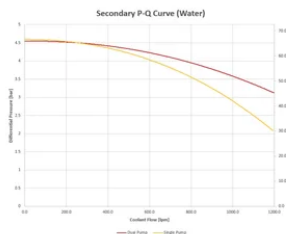
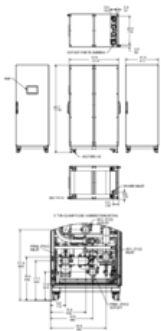
Färg: Svart grå

Material: Mjukt stål
Slutför: Pläterade
Färgkod: RAL 7021

Table 1/2						
Katalognummer	Höjd (H)	Bredd (W)	Djup (D)	Märkspänning	Fasmängd	Märkfrekvens
CDU8004LA03B	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz
CDU8004LA03A	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz

Table 2/2						
Katalognummer	Märkström/märkspänning	Strömförbrukning	Ursprungsland	Nominell belastningsström	Bullernivå	Typ
CDU8004LA03B	40	22.2W	United States	47.5A min	68dB	Med primärfiltrering
CDU8004LA03A	40	22.2W	United States	47.5A min	68dB	Med primärfiltrering

DIAGRAMS



VARNING

nVent produkter ska installeras och användas endast så som anges i nVents bruksanvisning och utbildningsmaterial. Bruksanvisningar är tillgängliga på www.nvent.com och från din nVent kundtjänstrepresentant. Felaktig installation, missbruk, felapplicering eller annan brist i att helt följa nVents instruktioner och varningar kan orsaka att produkten brister, egendomsskador, allvarliga kroppsskador och dödsfall och/eller ogiltigförklara din garanti.



Vårt starka utbud av varumärken:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE