

# 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.

### PRŮMYSLOVÉ NORMY

UL/cUL Listed; File No. SA7402

CE

### VLASTNOSTI

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

### SPECIFIKACE

**Barva:**

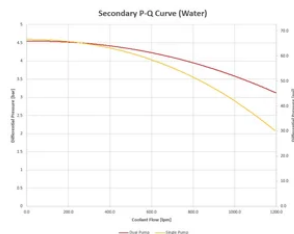
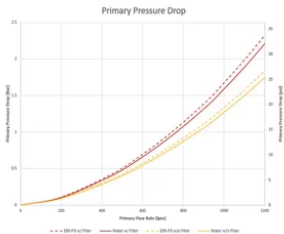
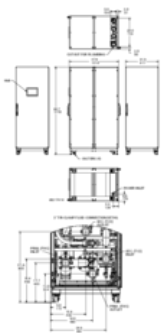
Black Grey

**Materiál:** Ocelový Plech  
**Povrchová úprava:** Plated  
**Kód barvy:** RAL 7021

Table 1/2						
Katalogové číslo	Výška (H)	Šířka (W)	Hloubka (D)	Voltage Rating	Phase Quantity	Jmenovitá frekvence
CDU8004LA03A	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz
CDU8004LA03B	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz

Table 2/2						
Katalogové číslo	Rated Current/Rated Voltage	Spotřeba energie	Country of Origin	Rated Load Current Range	Noise Level	Typ
CDU8004LA03A	40	22.2W	United States	47.5A min	68dB	With Primary Filtration
CDU8004LA03B	40	22.2W	Germany	47.5A min	68dB	With Primary Filtration

## DIAGRAMS



## UPOZORNĚNÍ

Produkty nVent musí být instalovány a používány pouze tak, jak je uvedeno v instrukčních listech a materiálech pro školení nVent. Instrukční listy jsou k dispozici na [www.nvent.com](http://www.nvent.com) a od vašeho zástupce zákaznického servisu nVent. Nesprávná instalace, zneužití, nesprávné použití nebo jiný nedostatek úplného dodržování pokynů a varování nVent může způsobit selhání produktu, poškození majetku, vážné zranění osob a smrt a/nebo zrušit vaši záruku.



Naše portfolio silných značek:

**CADDY   ERICO   HOFFMAN   ILSCO   SCHROFF   TRACHTE**