

# 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.

### 工业标准

UL/cUL Listed; File No. SA7402

CE

### 功能

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

Unrivaled 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

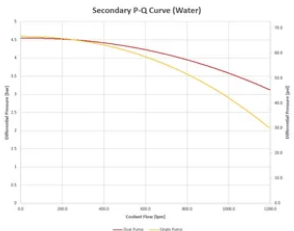
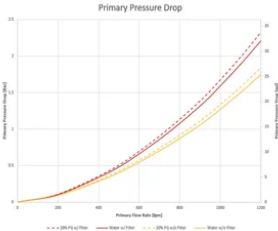
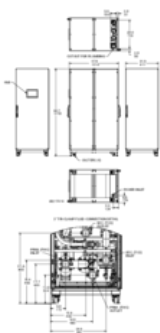
Integrates with nVent Guardian Management Gateway and sensors portfolio

技术参数

- 颜色: 暗灰色
- 材料: 低碳钢
- 完成: 电镀
- 颜色代码: RAL 7021

Table 1/2						
物料号	高度 (H)	宽度 (W)	深度 (D)	额定电压	相量	额定频率
CDU8004LA03A	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz
CDU8004LA03B	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz

Table 2/2						
物料号	额定电流/额定电压	功耗	Country of Origin	额定负载电流范围	噪音等级	类型
CDU8004LA03A	40	22.2W	United States	47.5A min	68dB	带初级过滤
CDU8004LA03B	40	22.2W	Germany	47.5A min	68dB	带初级过滤



## 警告

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应仅根据 nVent 的产品说明书与培训材料安装并使用 nVent 的产品。可访问 [www.nvent.com](http://www.nvent.com) 获取说明书，或者向您的 nVent 客服代表索取。错误安装、使用不当、滥用或未能完全遵守 nVent 的说明与警告，可能会造成产品故障、财产损失、严重的人身伤害及死亡和/或使得保修服务无效。



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