

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.

NORMAS DA INDÚSTRIA

UL/cUL Listed; File No. SA7402

CE

CARACTERÍSTICAS

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

ESPECIFICAÇÕES

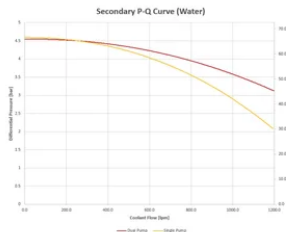
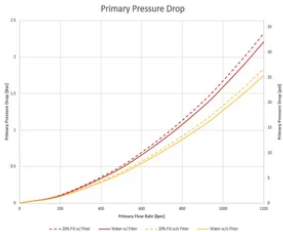
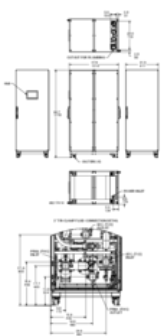
Cor: Black Grey

Material: Aço Macio
Acabamento: Plated
Código de cor: RAL 7021

Table 1/2						
Número de catálogo	Altura (H)	Largura (W)	Profundidade (D)	Voltage Rating	Phase Quantity	Frequência nominal
CDU8004LA03A	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz
CDU8004LA03B	2200mm	800mm	1200mm	380 – 480V	3	50 – 60Hz

Table 2/2						
Número de catálogo	Rated Current/Rated Voltage	Consumo de energia	Country of Origin	Amplitude da corrente de carga nominal	Noise Level	Tipo
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

DIAGRAMAS



AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.



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CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE