

RackChiller RDHX PRO Active, Right Hinged

Data Solutions



The new rear door cooling units from nVent are offered in a range of standard sizes for use with 42U, 47U, in both 600mm and 800mm widths (other sizes available on request). The coolers themselves are 250mm deep, with a dry weight of below 170Kg. One of the features of rear door coolers is they are compact and do not require any additional floor space or ceiling headroom – in fact, their use can free up white space as CRAH units and other room cooling equipment may be eliminated from the data centre.

Each unit features 12x axial brushless DC fans – more than any competitive unit. However, the large number of fans means they individually do less work than a smaller number of large fans, reducing stress on the electromechanical devices and increasing their lifecycle. In the event failures do occur, nVent has developed an innovative, tool-less and hot-swappable method for fan replacement as well as other critical components such as PSUs and main controller. This feature allows uptime to be maximized at the same time as reducing service callouts and associated costs.

The Rear door cooler can also be retrofitted to most third party racks.

Smallest footprint of any rear door cooler on the marketplace with the highest kilowatt capacity of cooling.

KENMERKEN

Rear Door Cooler Chilled Water

Hot-swappable components simplify repair and maximize availability

Designed for efficient operation at increased facility water temperatures

Combination with direct to chip liquid cooling

Modular standard - easy to adapt to individual requirements

Fans, power supplies, controller and control valve all are hot-swappable

Automatic fan speed and valve opening control

7" high resolution touch screen interface

Hydraulic and electric connection through top or bottom

Monitoring via Ethernet interface (Web browser, Modbus TCP, SNMP v2c) and Modbus RTU

SPECIFICATIES

Table 1/3

Catalogusnummer	Producttype	Productserie	Rekhoogte	Kleurcode	Beschermingsklasse	Breedte
10630-204	Lucht/vloeistof-warmtewisselaars	RackChiller	42U	RAL 7021	IP20	600mm
10630-205	Lucht/vloeistof-warmtewisselaars	RackChiller	42U	RAL 7021	IP20	800mm
10630-206	Lucht/vloeistof-warmtewisselaars	RackChiller	47U	RAL 7021	IP20	600mm
10630-207	Lucht/vloeistof-warmtewisselaars	RackChiller	47U	RAL 7021	IP20	800mm

Table 2/3

Catalogusnummer	Diepte	Hoogte	Voedingsspanning	Koelvloeistoftoevoer	Afwerking	Materiaal
10630-204	280mm	2000mm	195 – 277V	Onderkant, Bovenkant	Gepoedercoat	Staal
10630-205	280mm	2000mm	195 – 277V	Onderkant, Bovenkant	Gepoedercoat	Staal
10630-206	280mm	2200mm	195 – 277V	Onderkant, Bovenkant	Gepoedercoat	Staal
10630-207	280mm	2200mm	195 – 277V	Onderkant, Bovenkant	Gepoedercoat	Staal

Table 3/3

Catalogusnummer	Hoeveelheid in verpakking
10630-204	1
10630-205	1
10630-206	1
10630-207	1

AANVULLENDE PRODUCTGEGEVENS

For trouble-free operation of the air/liquid heat exchanger the quality requirements of the coolant must be maintained; The selection of appropriate anti-corrosion and frost protection agents depends on the environment in which the unit is used and on the external chiller.

At coolant temperatures below 14 °C, there is an increased risk of condensation. We recommend using a condensate management package.

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