

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.

VLASTNOSTI

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

SPECIFIKACE

Table 1/3

Katalogové číslo	Product Type	Produktová řada	Rack Height	Kód barvy	Stupeň krytí	Šířka
10630-204	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 7021	IP20	600mm
10630-205	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 7021	IP20	800mm
10630-206	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 7021	IP20	600mm
10630-207	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 7021	IP20	800mm

Table 2/3

Katalogové číslo	Hloubka	Výška	Supply Voltage	Coolant Feed	Povrchová úprava	Materiál
10630-204	280mm	2000mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel
10630-205	280mm	2000mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel
10630-206	280mm	2200mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel
10630-207	280mm	2200mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel

Table 3/3

Katalogové číslo	Množství v balení
10630-204	1
10630-205	1
10630-206	1
10630-207	1

DALŠÍ PODROBNOSTI O PRODUKTU

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.

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 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.



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