

RackChiller RDHX PRO Passive, 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 140Kg. 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.

RDHX PRO Passive is fanless device than can be upgraded to Active with the addition of the fan modules. Meaning you can scale your data center to the requirements of your server racks. With no fans, the power consumption is near zero. This also reduces the service and maintenance costs with minimal components.

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

Can be upgraded to active even after installation and commissioning

Power supplies, controller and control valve all are hot-swappable

Automatic 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 1/2

Katalogové číslo	Product Type	Produktová řada	Rack Height	Kód barvy	Stupeň krytí	Šířka
10630-212	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 7021	IP20	600mm
10630-213	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 7021	IP20	800mm
10630-214	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 7021	IP20	600mm
10630-215	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 7021	IP20	800mm

Table 2/2

Katalogové číslo	Hloubka	Výška	Supply Voltage	Coolant Feed	Povrchová úprava	Materiál	Množství v balení
10630-212	280mm	2000mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel	1
10630-213	280mm	2000mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel	1
10630-214	280mm	2200mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel	1
10630-215	280mm	2200mm	195 – 277V	Bottom, Top	Strukturovaný Práškový	Ocel	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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