

# 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.

### FUNKTIONER

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

## SPECIFIKATIONER

Table 1/3

Katalognummer	Product Type	Produktfamilie	Rack Height	Farvekode	Beskyttelsesgrad	Bredde
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 2/3

Katalognummer	Dybde	Højde	Supply Voltage	Coolant Feed	Finish	Materiale
10630-212	280mm	2000mm	195 – 277V	Bottom, Top	Struktur Pulvermaling	Stål
10630-213	280mm	2000mm	195 – 277V	Bottom, Top	Struktur Pulvermaling	Stål
10630-214	280mm	2200mm	195 – 277V	Bottom, Top	Struktur Pulvermaling	Stål
10630-215	280mm	2200mm	195 – 277V	Bottom, Top	Struktur Pulvermaling	Stål

Table 3/3

Katalognummer	Pakke mængde
10630-212	1
10630-213	1
10630-214	1
10630-215	1

## YDERLIGERE PRODUKTOPLYSNINGER

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.

## ADVARSEL

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nVent-produkter skal kun installeres og anvendes som angivet i nVents produktvejledninger og træningsmaterialer. Vejledninger er tilgængelige på [www.nvent.com](http://www.nvent.com) og hos din nVent kundeservicerepræsentant. Forkert installation, misbrug, fejlanvendelse eller anden unkladelse af fuldt ud at følge nVents instruktioner og advarsler kan medføre funktionsfejl, materielle skader, alvorlige personskader eller død og/eller ugyldiggøre din garanti.



Vores kraftfulde portefølje af mærker:

**CADDY   ERICO   HOFFMAN   ILSCO   SCHROFF   TRACHTE**