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# RackChiller RDHX PRO Passive, Left Hinged, 47U, 600W

## Data Solutions

### CATALOG NUMBER

**10630-210**

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.

### FEATURES

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| 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

## PRODUCT ATTRIBUTES

Product Type: Air/Liquid Heat Exchanger

Product Family: RackChiller

Rack Height: 47U

Color Code: RAL 7021

Protection Rating: IP20

Width: 600mm

Depth: 280mm

Height: 2200mm

Supply Voltage: 195 – 277V

Coolant Feed: Bottom; Top

Finish: Powder Coated

Material: Steel

Net Weight: 101.1kg

Package Quantity: 1

## ADDITIONAL PRODUCT DETAILS

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.

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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