

RackChiller RDHX PRO Active, Left 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.

CARACTERISTICI

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

SPECIFICAȚII

Table 1/2

Număr de catalog	Product Type	Product Family	Rack Height	Color Code	Protection Rating	Width
RXA20060B	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9005	IP20	600mm
RXA20060W	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9003	IP20	600mm
RXA20075B	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9005	IP20	750mm
RXA20075W	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9003	IP20	750mm
RXA20080B	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9005	IP20	800mm
RXA20080W	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9003	IP20	800mm
RXA22060B	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9005	IP20	600mm
RXA22060W	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9003	IP20	600mm
RXA22075B	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9005	IP20	750mm
RXA22075W	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9003	IP20	750mm
RXA22080B	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9005	IP20	800mm
RXA22080W	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9003	IP20	800mm
RXA22560B	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9005	IP20	600mm
RXA22560W	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9003	IP20	600mm
RXA22575B	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9005	IP20	750mm
RXA22575W	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9003	IP20	750mm
RXA22580B	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9005	IP20	800mm
RXA22580W	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9003	IP20	800mm
RXA24560B	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9005	IP20	600mm
RXA24560W	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9003	IP20	600mm

Table 2/2

Număr de catalog	Product Type	Product Family	Rack Height	Color Code	Protection Rating	Width
RXA24575B	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9005	IP20	750mm
RXA24575W	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9003	IP20	750mm
RXA24580B	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9005	IP20	800mm
RXA24580W	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9003	IP20	800mm

Table 1/2

Număr de catalog	Depth	Height	Supply Voltage	Coolant Feed	Color	Finish
RXA20060B	280mm	2000mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere

Număr de catalog	Depth	Height	Supply Voltage	Coolant Feed	Color	Finish
RXA20060W	280mm	2000mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA20075B	280mm	2000mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA20075W	280mm	2000mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA20080B	280mm	2000mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA20080W	280mm	2000mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA22060B	280mm	2200mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA22060W	280mm	2200mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA22075B	280mm	2200mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA22075W	280mm	2200mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA22080B	280mm	2200mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA22080W	280mm	2200mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA22560B	280mm	2250mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA22560W	280mm	2250mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA22575B	280mm	2250mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA22575W	280mm	2250mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA22580B	280mm	2250mm	195 – 277V	Bottom, Top	Black Grey	Vopsit Pulbere
RXA22580W	280mm	2250mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA24560B	280mm	2450mm	195 – 277V	Bottom, Top	Black	Vopsit Pulbere
RXA24560W	280mm	2450mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere

Table 2/2

Număr de catalog	Depth	Height	Supply Voltage	Coolant Feed	Color	Finish
RXA24575B	280mm	2450mm	195 – 277V	Bottom, Top	Black	Vopsit Pulbere
RXA24575W	280mm	2450mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere
RXA24580B	280mm	2450mm	195 – 277V	Bottom, Top	Black	Vopsit Pulbere
RXA24580W	280mm	2450mm	195 – 277V	Bottom, Top	White	Vopsit Pulbere

Table 1/2

Număr de catalog	Material	Package Quantity
RXA20060B	Oțel	1
RXA20060W	Oțel	1
RXA20075B	Oțel	1
RXA20075W	Oțel	1
RXA20080B	Oțel	1
RXA20080W	Oțel	1
RXA22060B	Oțel	1

Număr de catalog	Material	Package Quantity
RXA22060W	Oțel	1
RXA22075B	Oțel	1
RXA22075W	Oțel	1
RXA22080B	Oțel	1
RXA22080W	Oțel	1
RXA22560B	Oțel	1
RXA22560W	Oțel	1
RXA22575B	Oțel	1
RXA22575W	Oțel	1
RXA22580B	Oțel	1
RXA22580W	Oțel	1
RXA24560B	Oțel	1
RXA24560W	Oțel	1

Table 2/2

Număr de catalog	Material	Package Quantity
RXA24575B	Oțel	1
RXA24575W	Oțel	1
RXA24580B	Oțel	1
RXA24580W	Oțel	1

DETALII SUPLIMENTARE DESPRE PRODUS

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.

AVERTIZARE

Produsele nVent trebuie instalate și utilizate numai așa cum este indicat în fișele de instrucțiuni și materialele de formare ale nVent. Fișele de instrucțiuni sunt disponibile pe www.nvent.com și de la reprezentantul dvs. de servicii clienți nVent. O instalare incorectă, o utilizare abuzivă, o aplicare greșită sau orice altă lipsă de respectare completă a instrucțiunilor și avertismentelor nVent poate duce la defectarea produsului, la deteriorarea proprietății, la răniri corporale grave și moarte și/sau poate anula garanția dvs.

