

RackChiller RDHX PRO Passive, 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 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

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

SPECIFICATIONS

Table 1/2

Catalog Number	Product Type	Product Family	Rack Height	Color Code	Protection Rating	Width
RXP20060B	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9005	IP20	600mm
RXP20060W	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9003	IP20	600mm
RXP20075B	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9005	IP20	750mm
RXP20075W	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9003	IP20	750mm
RXP20080B	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9005	IP20	800mm
RXP20080W	Air/Liquid Heat Exchanger	RackChiller	42U	RAL 9003	IP20	800mm
RXP22060B	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9005	IP20	600mm
RXP22060W	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9003	IP20	600mm
RXP22075B	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9005	IP20	750mm
RXP22075W	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9003	IP20	750mm
RXP22080B	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9005	IP20	800mm
RXP22080W	Air/Liquid Heat Exchanger	RackChiller	47U	RAL 9003	IP20	800mm
RXP22560B	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9005	IP20	600mm
RXP22560W	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9003	IP20	600mm
RXP22575B	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9005	IP20	750mm
RXP22575W	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9003	IP20	750mm
RXP22580B	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9005	IP20	800mm
RXP22580W	Air/Liquid Heat Exchanger	RackChiller	48U	RAL 9003	IP20	800mm
RXP24560B	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9005	IP20	600mm
RXP24560W	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9003	IP20	600mm

Table 2/2

Catalog Number	Product Type	Product Family	Rack Height	Color Code	Protection Rating	Width
RXP24575B	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9005	IP20	750mm
RXP24575W	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9003	IP20	750mm
RXP24580B	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9005	IP20	800mm
RXP24580W	Air/Liquid Heat Exchanger	RackChiller	52U	RAL 9003	IP20	800mm

Table 1/2

Catalog Number	Depth	Height	Supply Voltage	Coolant Feed	Finish	Material	Package Quantity
RXP20060B	280mm	2000mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP20060W	280mm	2000mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP20075B	280mm	2000mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1

Catalog Number	Depth	Height	Supply Voltage	Coolant Feed	Finish	Material	Package Quantity
RXP20075W	280mm	2000mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP20080B	280mm	2000mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP20080W	280mm	2000mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22060B	280mm	2200mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22060W	280mm	2200mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22075B	280mm	2200mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22075W	280mm	2200mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22080B	280mm	2200mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22080W	280mm	2200mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22560B	280mm	2250mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22560W	280mm	2250mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22575B	280mm	2250mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22575W	280mm	2250mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22580B	280mm	2250mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP22580W	280mm	2250mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP24560B	280mm	2450mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP24560W	280mm	2450mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1

Table 2/2

Catalog Number	Depth	Height	Supply Voltage	Coolant Feed	Finish	Material	Package Quantity
RXP24575B	280mm	2450mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP24575W	280mm	2450mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP24580B	280mm	2450mm	195 – 277V	Bottom, Top	Powder Coated	Steel	1
RXP24580W	280mm	2450mm	195 – 277V	Bottom, Top	Powder Coated	Steel	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.



©2026 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.