

VERTICAL MOUNTED COOLING UNITS, CUVN



This vertical cooling unit, CUVN, with a IP 54 protection degree, is available in many different sizes for different cooling requirements. This means that the right cooling solution easily can be chosen. Smart energy management reduces energy consumption with up to 23% compared to traditional solutions and the cooling unit is easy to install.

INDUSTRY STANDARDS

cULus_UL Listed

CSA

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FEATURES

Vertical cooling unit with smart energy management, available in a wide range of sizes for different cooling capacities, with a IP 54 protection degree

Customers can choose the cooling unit that meets their requirements the most, removing any extra costs due to oversizing
Smart energy management reduces the cooling units energy consumption by up to 23%

The efficient cooling unit allows customers to optimise the enclosure's design ensuring that the correct cooling unit is chosen and it hasn't been over specified

The smart energy management and ease of installation will reduce both operational and installation costs

To minimise how much energy the cooling unit consumes, it is recommended to install the door switch, DSW01

Once installed, the door switch will turn the cooling unit off, once the door is opened

Voltage: 200-235 V

Alternating current frequency: 50~60 Hz

Power of the fan: 22 Watt

Consumption current: 0.28A / 0.56A

Air circulation: 4.4 / 8.8 m³/min

Measurement limits: -50 °C ... +125 °C

Measurement accuracy: +/-0.5°C

Working temperature: 0...+50°C

Relative air humidity (air temp. +35C): 80%

Noise level: 35 decibel

Lifetime: 30.000 hours

Switch: No

Thermostat: Yes

Pack quantity: 1 unit including power cable (1.5 m) with Shuko plug and sensor cable (1.2 m); version with 4 fans is supplied with a depth fixing bracket

SPECIFICATIONS

Table 1/1						
Catalog Number	Height	Width	Depth	Material	Finish	Phase Quantity
CUVN03602	443mm	324mm	206mm	Steel	Plated	1
CUVN03602SS	443mm	324mm	206mm	Stainless Steel	Plated	1
CUVN05502	642mm	313mm	223mm	Mild Steel	Plated	1
CUVN05502SS	642mm	313mm	223mm	Stainless Steel	Plated	1
CUVN08502	642mm	313mm	223mm	Mild Steel	Plated	1
CUVN08502SS	642mm	313mm	223mm	Stainless Steel	Plated	1
CUVN10502	912mm	410mm	248mm	Mild Steel	Plated	1
CUVN10502SS	912mm	410mm	248mm	Stainless Steel	Plated	1
CUVN15002	912mm	410mm	248mm	Mild Steel	Plated	1
CUVN15002SS	912mm	410mm	248mm	Stainless Steel	Plated	1
CUVN21002	1005mm	409mm	263mm	Mild Steel	Plated	1
CUVN21002SS	1005mm	409mm	263mm	Stainless Steel	Plated	1
CUVN30002	1217mm	511mm	347mm	Mild Steel	Plated	1
CUVN30002SS	1217mm	511mm	347mm	Stainless Steel	Plated	1
CUVN40502	1217mm	511mm	347mm	Mild Steel	Plated	1
CUVN40502SS	1217mm	511mm	347mm	Stainless Steel	Plated	1
CUVN15004	1005mm	409mm	263mm	Mild Steel	Plated	3
CUVN15004SS	1005mm	409mm	263mm	Stainless Steel	Plated	3
CUVN21004	1005mm	409mm	263mm	Mild Steel	Plated	3
CUVN21004SS	1005mm	409mm	263mm	Stainless Steel	Plated	3
CUVN30004	1217mm	511mm	347mm	Mild Steel	Plated	3
CUVN30004SS	1217mm	511mm	347mm	Stainless Steel	Plated	3
CUVN40504	1217mm	511mm	347mm	Mild Steel	Plated	3
CUVN40504SS	1217mm	511mm	347mm	Stainless Steel	Plated	3
CUVN59504	1405mm	554mm	404mm	Mild Steel	Plated	3
CUVN59504SS	1405mm	554mm	404mm	Stainless Steel	Plated	3

ADDITIONAL PRODUCT DETAILS

Note: The items ending in "SS" are manufactured from stainless steel AISI 304. Stainless steel AISI 316 is available on request.

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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