

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

UKCA

EAC

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	Color
CUVN03602	443 mm	324 mm	206 mm	Steel	Plated	Unpainted
CUVN03602SS	443 mm	324 mm	206 mm	Stainless Steel	Plated	Unpainted
CUVN05502	642 mm	313 mm	223 mm	Mild Steel	Plated	Unpainted
CUVN05502SS	642 mm	313 mm	223 mm	Stainless Steel	Plated	Unpainted
CUVN08502	642 mm	313 mm	223 mm	Mild Steel	Plated	Unpainted
CUVN08502SS	642 mm	313 mm	223 mm	Stainless Steel	Plated	Unpainted
CUVN10502	912 mm	410 mm	248 mm	Mild Steel	Plated	Unpainted
CUVN10502SS	912 mm	410 mm	248 mm	Stainless Steel	Plated	Unpainted
CUVN15002	912 mm	410 mm	248 mm	Mild Steel	Plated	Unpainted
CUVN15002SS	912 mm	410 mm	248 mm	Stainless Steel	Plated	Unpainted
CUVN21002	1005 mm	409 mm	263 mm	Mild Steel	Plated	Unpainted
CUVN21002SS	1005 mm	409 mm	263 mm	Stainless Steel	Plated	Unpainted
CUVN30002	1217 mm	511 mm	347 mm	Mild Steel	Plated	Unpainted
CUVN30002SS	1217 mm	511 mm	347 mm	Stainless Steel	Plated	Unpainted
CUVN40502	1217 mm	511 mm	347 mm	Mild Steel	Plated	Unpainted
CUVN40502SS	1217 mm	511 mm	347 mm	Stainless Steel	Plated	Unpainted
CUVN15004	1005 mm	409 mm	263 mm	Mild Steel	Plated	Unpainted
CUVN15004SS	1005 mm	409 mm	263 mm	Stainless Steel	Plated	Unpainted
CUVN21004	1005 mm	409 mm	263 mm	Mild Steel	Plated	Unpainted
CUVN21004SS	1005 mm	409 mm	263 mm	Stainless Steel	Plated	Unpainted
CUVN30004	1217 mm	511 mm	347 mm	Mild Steel	Plated	Unpainted
CUVN30004SS	1217 mm	511 mm	347 mm	Stainless Steel	Plated	Unpainted
CUVN40504	1217 mm	511 mm	347 mm	Mild Steel	Plated	Unpainted
CUVN40504SS	1217 mm	511 mm	347 mm	Stainless Steel	Plated	Unpainted
CUVN59504	1405 mm	554 mm	404 mm	Mild Steel	Plated	Unpainted
CUVN59504SS	1405 mm	554 mm	404 mm	Stainless Steel	Plated	Unpainted

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.



Our powerful portfolio of brands:
nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF
TRACER