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White Line

# Industrial Vacuums for food, pharma and OEMs





General cleaning



# Nilfisk presents the Line of industrial vacuums for pharma, food and OEMs

When Design and Hygiene meet Performance.

Nilfisk industrial vacuums represent the passion for the specialization in providing solutions for safety and efficiency in production companies.

Today Nilfisk introduces the new line of industrial vacuums for the pharma, food and OEMs sector, perfect also for integrating into processing machines.

Design, health care, ease of use and flexibility make this line the most popular in companies where hygiene is a must.

## Industrial vacuums for:

- CHERMICAL-PHARMACEUTICAL and COSMETIC sectors  
Smooth profile, safety filters and high quality materials for every specific need.
- FOOD sector  
GMP compliant, quiet and easy to sanitize.
- OriginalEquipmentManufacturers and Packaging sectors  
Designed for confined spaces, these units can run continuously for high efficiency.





Daily cleaning of driers



Recovery of waste from a packaging machine



Cleaning of a coating pan

# A range with endless possibilities

- The best industrial vacuums based on customer's requirements

Design, health care, ease of use and flexibility make this line the most popular in companies where hygiene is a must.

The full range includes:

- Fixed industrial vacuums: VHW200, VHW201, VHW210, VHW211, VHW310, VHW311
- Mobile industrial vacuums: VHW320, VHW321, VHW420, VHW421 and VHW440

Mobile industrial vacuums are multitasking: they can be integrated into processing machines or used for general cleaning.

The premium models are the sleek and quiet VHW321 and VHW421. These models are equipped with the Bag-In Bag-Out system for the safe replacement of the absolute filter, eliminating the possibility of contact with any toxic materials collected. Models VHW420, VHW421 and VHW440 provide excellent performance thanks to their power up to 4 kW.

Fixed industrial vacuums are commonly integrated with processing machines. Models VHW200, 201, 210 and 211 are the most compact vacuum cleaners of Nilfisk-CFM range and are ideal to be fitted inside machines. The compact VHW311 can be fixed or mobile, providing flexibility for processing environments with limited space.

All models of the white line are in conformity with GMPs and are available ATEX and L, M, H certified.





Cleaning of a processing machine



General cleaning of the lab



VHW320 with infiniClean, the innovative automatic and stand-alone cartridge filter cleaning system

# The White Line with InfiniClean...

A special mention is for models VHW320 and VHW420 that can be equipped with InfiniClean, the automatic filter cleaning system, for the first time on such a compact industrial vacuum.

## **What is InfiniClean?**

Nilfisk InfiniClean is an innovative automatic cartridge filter cleaning system featuring conical cartridges, for every kind of dust.

## **It's original**

It is a new, original filter cleaning system for industrial vacuums.

## **It's easy to use**

You don't have to activate it, it works for you!

## **It's cost-efficient**

It prolongs the life time of the filters.

## **It's environmental friendly**

No compressed air or other power sources needed.

Choosing **InfiniClean** means choosing a more productive and healthier environment.



# The features you were waiting for



New head locking system



Conical Cartridges



Absolute filter



PullClean filter cleaning system



Compact size



Easy cleaning

## Technical specifications

| Description             | Unit            | VHW200     | VHW201   | VHW210     | VHW211   | VHW310     | VHW311     | VHW320    | VHW321      | VHW420    | VHW421    | VHW440    |
|-------------------------|-----------------|------------|----------|------------|----------|------------|------------|-----------|-------------|-----------|-----------|-----------|
| Voltage                 | V               | 400        | 400      | 400        | 400      | 400        | 400        | 400       | 400         | 400       | 400       | 400       |
| Frequency               | Hz              | 50         | 50       | 50         | 50       | 50         | 50         | 50        | 50          | 50        | 50        | 50        |
| Protection class        | IP              | 55         | 55       | 55         | 55       | 55         | 55         | 55        | 55          | 55        | 55        | 55        |
| Insulation class        | Class           | I          | I        | I          | I        | I          | I          | F         | F           | F         | F         | F         |
| Rated power             | kW              | 0,45       | 0,45     | 0,89       | 0,89     | 1,5        | 1,5        | 1,5       | 1,5         | 2,2       | 2,2       | 4         |
| Airflow without hose    | L/min           | 1192       | 1192     | 1933       | 1933     | 3500       | 3500       | 3200      | 3200        | 5100      | 5100      | 7000      |
| Vacuum max              | kPa             | 14,8       | 14,8     | 21         | 21       | 24         | 24         | 18,5      | 18,5        | 19        | 19        | 23        |
| Sound pressure level    | dB(A)           | 56         | 56       | 62         | 59       | 61         | 60         | 60        | 61          | 63        | 65        | 67        |
| Container capacity      | L               | 1          | 6,5      | 6,5        | 6,5      | 15         | 15         | 25        | 25          | 46        | 46        | 46        |
| Main filter area        | cm <sup>2</sup> | 1330       | 1840     | 1840       | 1840     | 4200       | 4200       | 10000     | 10000       | 20000     | 20000     | 20000     |
| Inlet                   | mm              | 40         | 40       | 40         | 40       | 50         | 50         | 50        | 50          | 70        | 70        | 70        |
| Length x Width x Height | cm              | 53x27x41,5 | 42x43x82 | 64x33x47,5 | 42x43x82 | 42x71x90,5 | 42x71x90,5 | 44x78x117 | 44x73,5x117 | 54x97x139 | 54x97x139 | 54x97x139 |
| Weight                  | kg              | 17         | 25       | 23         | 31       | 49         | 61         | 73        | 83          | 100       | 113       | 113       |

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