

Пылесосы для пищевой и фарм отрасли

Технические характеристики

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Industrial Vacuums for Food, Pharma and OEM



IVT1000

The vacuum for cleanrooms

Small vacuum unit, ideal for clean rooms, where maximum sterilization and full contamination control are standard requirements. It is quiet and can be completely sterilized, the right solution for recovering small quantities of toxic (or even potentially lethal) powder (HEPA/ULPA filtration).

VHS110 CR

Cleanroom-friendly, wet & dry

Wet&Dry single phase vacuum cleaner for cleanrooms. The GMP design and the stainless steel execution make it extremely easy to clean and sanitize.

The ULPA15 downstream filter avoids contamination of the cleanroom area, as well the optional upstream HEPA14 or ULPA15 filter secure the highest filtration efficiency in case of very fine dust.



TECHNICAL DATA	Unit	IVT1000	IVT1000 H-CLASS	IVT1000 SAFE PACK	VHS110 CR
Voltage	V	220-240	220-240	220-240	230
Frequency	Hz	50-60	50-60	50-60	50
Protection class	IP	40	40	40	54
Insulation class	Class	-	-	-	I
Rated power	kW	1.2	1.2	1.2	1
Airflow without hose	L/min	2283	2100	2100	2967
Vacuum max	kPa	19.8	20	20	20.5
Sound pressure level	dB(A)	61	61	61	76
Container capacity	L	12.5	12.5	-	37
Dust bag capacity	L	6.5	8	6.5	-
Main filter area	cm ²	2100	2573	2573	10000
Inlet	mm	32	32	32	50
Length x Width x Height	cm	30x30x62.5	30x30x72.5	30x30x70	56x57x124
Weight	kg	9	11.5	9	39

The cleanroom dedicated vac

Small, silent and autoclavable: here is model IVT1000, the ideal solution for the hygiene of the cleanrooms.

For vacuum cleaning in cleanrooms model IVT1000 can be easily and totally sterilized. The accessories are in stainless steel and silicone and can be sterilized at 130°.

- Autoclavable
- All stainless steel AISI 316 construction
- H class version
- Version with Safe Bag System for dust collection
- Silent and light



Picture shown may not represent model quoted

- Standard equipment
- Standard equipment

Model	IVT1000CR EU 230V	IVT1000CR UK 230V	IVT1000CR H- CLASS 230V
Ref. no.	17141001	17141002	17141101

PRODUCT FEATURES

Dust bag system	•	•	
Stainless steel frame	•	•	•
Uk model		•	
Stainless steel dust container	•	•	•
Vacuum meter			•
Downstream ULPA filtration	•	•	•
Safe bag system			•
Goretex main filter	•	•	
HEPA H13 main filter			•
Safe pack system			
Suitable for liquids			
Mechanical cut-off for liquids			



The cleanroom dedicated vac

Model	IVT1000CR UK H- CLASS 230V	IVT1000CR H- CLASS 115V	IVT1000CR SAFEPAK 230V
Ref. no.	17141102	17141108	17141201

PRODUCT FEATURES

Dust bag system			
Stainless steel frame	•	•	•
Uk model	•		
Stainless steel dust container	•	•	
Vacuum meter	•	•	
Downstream ULPA filtration	•	•	•
Safe bag system	•	•	
Goretex main filter			
HEPA H13 main filter	•		•
Safe pack system			•
Suitable for liquids			
Mechanical cut-off for liquids			

Technical specifications	IVT1000CR EU 230V	IVT1000CR UK 230V	IVT1000CR H- CLASS 230V
Voltage (V)	230	230	230
Frequency (Hz)	50-60	50	50-60
IP protection class	40	40	40
Insulation class	I	I	I
Rated power (kW)	1.2	1.2	1.2
Airflow without hose (m³/h - l/m)	137 - 2283	126 - 2100	126 - 2100
Max. vacuum (kPa - mbar)	19.8 - 198	20 - 200	20 - 200
Sound pressure level (dB(A))	61	61	61
Container capacity (l)	12.5	12.5	12.5
Main filter type	GORETEX	GORETEX	HEPA H13
Main filter area (cm²)	2100	2100	2573
Downstream ULPA filter U15 (cm²)	2573	2573	2573
Inlet (mm)	32	32	32
Length x width x height (mm)	300x300x625	300x300x625	300x300x725
Weight (kg)	7.75	7.75	9.2



The cleanroom dedicated vac

Technical specifications	IVT1000CR UK H- CLASS 230V	IVT1000CR H- CLASS 115V	IVT1000CR SAFEPAK 230V
Voltage (V)	230	230	230
Frequency (Hz)	50	50-60	50-60
IP protection class	40	40	40
Insulation class	I	I	I
Rated power (kW)	1.2	1.2	1.2
Airflow without hose (m³/h - l/m)	126 - 2100	126 - 2100	126 - 2100
Max. vacuum (kPa - mbar)	20 - 200	20 - 200	20 - 200
Sound pressure level (dB(A))	61	61	61
Container capacity (l)	12.5	12.5	12.5
Main filter type	HEPA H13	HEPA H13	HEPA H13
Main filter area (cm²)	2573	2573	2573
Downstream ULPA filter U15 (cm²)	2573	2573	2573
Inlet (mm)	32	32	32
Length x width x height (mm)	300x300x725	300x300x725	300x300x700
Weight (kg)	9.2	9.2	8.2

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment



Industrial Vacuums for Food, Pharma and OEM



VHW200 – VHW201 – VHW210 – VHW211



The most compact vacuum cleaners for automated applications

From 0.45 up to 0.85 kW power, these three-phase fixed industrial vacuums are the smallest of Nilfisk range and are ideal to be integrated in process machines for the extracting and recovering of small quantities of dust or trimmings. Designed in compliance with GMP requirements, they are quiet and provide excellent filtration thanks to the main filter bag and the HEPA H14 upstream absolute filter as standard.

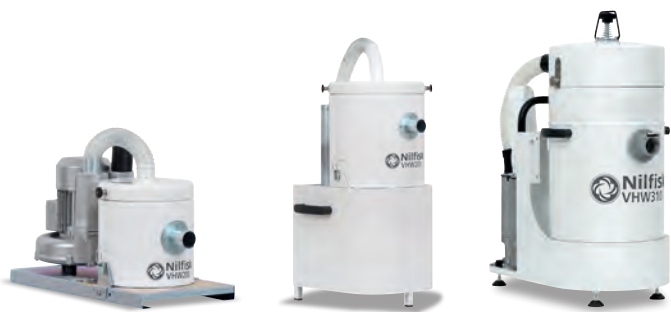


VHW310 – VHW311



Best onboard vacuum technology

1.5 kW power. Ideal to be integrated into process machine where only a limited space is available and high performances are required. Model VHW311 can be easily upgraded on the field with absolute filter and wheels, so as to become a mobile industrial vacuum.



TECHNICAL DATA	Unit	VHW200	VHW201	VHW210	VHW211	VHW310	VHW311
Voltage	V	400	400	400	400	400	400
Frequency	Hz	50	50	50	50	50	50
Protection class	IP	55	55	55	55	55	55
Insulation class	Class	I	I	I	I	I	I
Rated power	kW	0.45	0.45	0.85	0.85	1.5	1.5
Airflow without hose	L/min	1192	1192	1933	1933	3500	3500
Vacuum max	kPa	14.8	14.8	21	21	24	24
Sound pressure level	dB(A)	56	56	62	59	61	60
Container capacity	L	1	6.5	6.5	6.5	15	15
Main filter area	cm ²	1330	1840	1840	1840	4200	4200
Inlet	mm	40	40	40	40	50	50
Length x Width x Height	cm	53x27x41.5	42x43x82	64x33x47.5	42x43x82	42x71x90.5	42x71x90.5
Weight	kg	17	25	23	31	49	61

Industrial Vacuums for Food, Pharma and OEM



VHW320 – VHW321

Multifunctional innovation

1.5 kW power. Ideal to be used both as equipment of process machines and/or for cleaning and maintenance activities, they mount the new PullClean system to clean effectively the cartridge filter while the vacuum is running. VHW321, thanks to its innovative and smooth design, is extremely easy to clean and sanitize (GMP conformity). The H-class certified vac allows the safe replacement of the absolute filter without getting in contact with hazardous material.



VHW420 – VHW421

When hygiene meets performances

2.2 kW power. Model VHW420 has been designed to ensure the highest performances in fully automated applications operating 24/7. Model VHW421 is the perfect symbiosis between performances and hygienic design for GMP requirements, it is easy to clean and sanitize but powerful.



TECHNICAL DATA	Unit	VHW320	VHW321	VHW420	VHW421
Voltage	V	400	400	400	400
Frequency	Hz	50	50	50	50
Protection class	IP	55	55	55	55
Insulation class	Class	F	F	F	F
Rated power	kW	1.5	1.5	2.2	2.2
Airflow without hose	L/min	3200	3200	5100	5100
Vacuum max	kPa	18.5	18.5	19	19
Sound pressure level	dB(A)	60	61	63	65
Container capacity	L	25	25	46	46
Main filter area	cm ²	10000	10000	20000	20000
Inlet	mm	50	50	70	70
Length x Width x Height	cm	44x78x117	44x73.5x117	54x97x139	54x97x139
Weight	kg	73	83	100	113



VHW440



The highest performances for total hygiene productions

4 kW power, it provides excellent performances in terms of vacuum, airflow and filtration for the total cleaning of production areas.



TECHNICAL DATA	Unit	VHW440
Voltage	V	400
Frequency	Hz	50
Protection class	IP	55
Insulation class	Class	F
Rated power	kW	4
Airflow without hose	L/min	7000
Vacuum max	kPa	23
Sound pressure level	dB(A)	67
Container capacity	L	46
Main filter area	cm ²	20000
Inlet	mm	70
Length x Width x Height	cm	54x97x139
Weight	kg	113

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