








Industrial-Strength Vacuums

- for safer, cleaner and more productive facilities



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LEGEND	
Available Features	
Accessory Kit	
HEPA Filter	
ULPA Filter	
Stainless Steel Construction Standard	
Meets NFPA 652 Safe Housekeeping Requirements*	
Approvals	
ATEX Certified	
CSA Certified	
ETL Listed	
UL Listed	

*Some modifications may be required. The NFPA does not endorse or approve specific products. The NFPA has laid out product design recommendations in Standard 652, which Nilfisk interprets in order to design compliant vacuums.

About Nilfisk Industrial Vacuums



Your Safe Choice Partner for Industrial-Strength Vacuum Cleaners

Dirt, dust, powders and other contaminants get in your way. They threaten product quality, create safety and health risks, and interfere with job productivity. For more than 50 years, Nilfisk Industrial Vacuums has made it our mission to help you stop dust in its tracks.

Nilfisk vacuums are trusted by NASA, the U.S. armed forces, and Fortune 500 food and pharmaceutical manufacturing companies. Equipped with highly-efficient HEPA filtration systems and constructed of high-quality materials, Nilfisk industrial-strength vacuums quickly and easily capture virtually every particle of debris. They are designed with the safety professional in mind—equipped to collect hazardous and potentially dangerous dust, from food scraps to pharmaceutical powders to bulk materials.

Whether you are decontaminating a cleanroom, or complying with OSHA and NFPA combustible dust standards, Nilfisk Industrial Vacuums will get the job done safely, thoroughly and efficiently.

Industries Served:

- Aerospace
- Bakeries
- Biotechnology
- Boat Building
- Chemicals
- Cleanrooms
- Coal-Fired Power Plants
- Composites & Fiberglass
- Concrete Surface Preparation
- Construction
- Cosmetics
- Electronics
- Ethanol
- Firing Ranges
- Food Processing & Packaging
- Grain Mills
- Laboratories
- Medical & Optical
- Metalworking
- Paper/Corrugated
- Pharmaceutical Processing & Packaging
- Plastics
- Powder Coating
- Power Generation
- Printing
- Public Administration/Government
- Rubber
- Semiconductors
- Textiles
- Transportation Equipment
- Utilities
- Woodworking
- And many more ...

Industry-Leading Support

With a direct sales force and extensive dealer network, our experts help solve a variety of cleaning challenges. Customers receive on-site assessments and product demonstrations to help evaluate facility cleaning and maintenance needs.

After the sale, every customer has access to on-site product training with a local sales representative and full customer support via 1(800) NILFISK.

Nilfisk Industrial Vacuums, a division of Nilfisk, Inc. is a proud member of the following associations:





Multi-Stage Filtration

Efficient filtration is critical to your cleaning success and the life of your industrial vacuum cleaner. All Nilfisk vacuums are equipped with graduated filtration to prevent hazardous dust from becoming airborne and contaminating your environment. It also prevents premature clogging from dust and debris and maintains suction performance.

A multi-stage system, or series of progressively finer filters, captures particles as they move through the vacuum with each level acting as a barrier to the next. By the time the particles reach the last stage, the majority of the dust and debris is contained.

Filter Cleaning Systems

A robust filter cleaning system maintains maximum suction power and filtration performance. Manual or automatic filter cleaning options allow operators to easily and safely purge caked on dust and debris without opening the machine.

Nilfisk offers a variety of filter cleaning systems:



Manual Filter Shaker



PullClean Semi-Automatic System



PulseClean Reverse Purge Automatic Air-Powered System



InfiniClean™ Automatic Filter Cleaning Technology

Combustible Dust Vacuums – Intermittent Duty



OSHA recommends, and in some cases requires, manufacturers with combustible materials to use certified explosion-proof/dust ignition-proof vacuums as part of a regular plant maintenance program.

Nilfisk VHS110 — Certified Class II, Division 2

The VHS110 is CSA-certified for use in Class II, Division 2, Groups F & G environments and ensures compliance with NFPA 652 housekeeping recommendations for the safe collection of combustible dust. Featuring a brushless motor, PullClean filter cleaning technology, and HEPA filtration, the VHS110 offers the highest performance and safety for long product life and flexible, easy use—from overhead cleaning to confined areas around equipment.

Nilfisk 118 EXP, 118/50 EXP and 118 EXPW — Certified Class I & Class II

The 118 EXP vacuum line is CSA-certified for use in Class I, Group D, and Class II, Groups E*, F & G environments. The vacuums are constructed of 304 stainless steel and feature downstream HEPA filtration. An external filter shaker on the dry-only units guarantees high filtration efficiency and prevents premature clogging. The 118 EXP offers 6.6-gallon dry-only collection capacity, or 13.2-gallon dry-only capacity with the 118/50 EXP. The 118 EXPW model is designed for wet/dry material collection. (Standard model available; see page 17.)

**Additional equipment may be necessary to meet Group E requirements. Nilfisk reserves the right to evaluate on a case-by-case basis.*

Technical Specifications

Description	Unit	VHS110	118 EXP	118/50 EXP	118 EXPW
Collection Type	-	Dry	Dry	Dry	Wet/Dry
Type of Power	-	1-phase	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	120	120	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.61 (1200)	1.61 (1200)	1.61 (1200)
Waterlift, max.	in. (mm) H ₂ O	82.4 (2093)	69 (1752)	69 (1752)	69 (1752)
Airflow, blower max.	CFM (L/min)	103 (2900)	130 (3681)	130 (3681)	130 (3681)
Current, max.	amps	11.5	10	10	10
Container Capacity	gallons (L)	9.8 (37)	6.6 (25)	13.2 (25)	13.2 (25)
Dimensions (L x W x H)	in. (mm)	22.0 x 22.0 x 49.0 (560 x 560 x 1240)	20.0 x 24.0 x 45.0 (508 x 610 x 1143)	20.0 x 24.0 x 50.0 (508 x 610 x 1270)	20.0 x 24.0 x 45.0 (508 x 610 x 1143)
Sound Pressure Level	dB(A)	76	78	78	78
Available Features	-				
Approvals	-				

Combustible Dust Vacuums – Continuous Duty



VHT437EXP














VHT456EXP

Nilfisk continuous duty explosion-proof/dust ignition-proof vacuums are designed with the power and reliability required for continuous, heavy-duty applications. Visit www.explosionproof-vacuum.com for more information on handling combustible dust.

Nilfisk VHT437EXP and VHT456EXP — Certified Class I & Class II

The VHT437EXP and VHT456EXP are certified explosion-proof/dust ignition-proof vacuum cleaners with exceptional performance for continuous-duty needs in hazardous environments. They are ideal for use in process-integrated and central system applications. The VHT437EXP and VHT456EXP meet the requirements for use in Class I, Group D, and Class II, Groups F & G environments. Smaller collection capacity is available upon request.

Technical Specifications

Description	Unit	VHT437EXP	VHT456EXP
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)
Type of Power	-	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	460 / 575
Power @ 60 Hz	HP (W)	5 (3700)	7.5 (5600)
Waterlift, controlled	in. (mm) H ₂ O	85 (2159)	72 (1820)
Airflow, blower max.	CFM (L/min)	218 (6167)	367 (10384)
Current, max.	amps	11.2 / 5.6 / 4.5	9.5 / 7.6
Container Capacity	gallons (L)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)
Sound Pressure Level	dB(A)	72	77
Available Features	-	    	   
Approvals	-		

Combustible Dust Vacuums – Air-Operated



When electricity is unavailable or undesirable, pneumatic hazardous location vacuums are excellent alternatives to electric models. Visit www.explosionproof-vacuum.com for more information on handling combustible dust.

Nilfisk A15 DX

















The A15 DX is designed in accordance with the latest NFPA guidelines for collecting combustible dust. Constructed with non-combustible materials and fully bonded and grounded, the A15 DX is suitable for use in Class II, Division 2, Groups F and G, as well as non-hazardous (non-classified) environments. (Standard model available; see page 16.)

Nilfisk A15 EXP and A15/50 EXP

The A15 EXP line of air-operated, hazardous location vacuums are constructed of all 304 stainless steel and include a grounding cable and clamp. They are sold with non-sparking, conductive accessories. HEPA or ULPA filtration is available. The vacuums meet the requirements for use in Class I, Group D, and Class II, Groups E*, F & G environments. The A15 EXP offers 6.6-gallon dry-only collection capacity, or 13.2-gallon dry-only capacity with the A15/50 EXP. (Standard model available; see page 16.)

**Additional equipment may be necessary to meet Group E requirements. Nilfisk reserves the right to evaluate on a case-by-case basis.*

Technical Specifications

Description	Unit	A15 DX	A15 EXP	A15/50 EXP
Collection Type	-	Dry	Dry	Dry
Air Consumption @ 90 psi	CFM (L/min)	56 (1580)	56 (1580)	56 (1580)
Waterlift, max.	in. (mm) H ₂ O	144 (3650)	144 (3650)	144 (3650)
Airflow, max.	CFM (L/min)	74 (2095)	74 (2095)	74 (2095)
Air Line Diameter	in. (mm)	0.5 (13)	0.5 (13)	0.5 (13)
Recommended Air Pressure	psi (bar)	90 (6)	90 (6)	90 (6)
Container Capacity	gallons (L)	13.2 (50)	6.6 (25)	13.2 (50)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	20.0 x 24.0 x 48.0 (508 x 610 x 1219)	20.0 x 24.0 x 40.0 (508 x 610 x 1016)	20.0 x 24.0 x 51.0 (508 x 610 x 1295)
Sound Pressure Level	dB(A)	72	72	72
Available Features	-	  	    	    
Approvals	-			

Combustible Dust Vacuums – Air-Operated



A15 EXPW



VHC200 EXP

When electricity is unavailable or undesirable, pneumatic hazardous location vacuums are excellent alternatives to electric models. The vacuums meet the requirements for use in Class I, Group D, and Class II, Groups E*, F & G environments. Visit www.explosionproof-vacuum.com for more information on handling combustible dust.

Nilfisk A15 EXPW











The A15 EXPW is an air-operated, hazardous location vacuum constructed of all 304 stainless steel and includes a grounding cable and clamp. It is designed for wet/dry material collection and sold with non-sparking, conductive accessories. HEPA or ULPA filtration is available.

Nilfisk VHC200 EXP

The VHC200 EXP is a stainless steel, pneumatic vacuum cleaner, ideal for a variety of general cleaning tasks, including heavy-duty applications involving denser types of debris. The VHC200 EXP can also be used in continuous-duty applications. Smaller collection capacity is available upon request. (Standard model available; see page 16.)

**Additional equipment may be necessary to meet Group E requirements. Nilfisk reserves the right to evaluate on a case-by-case basis.*

Technical Specifications

Description	Unit	A15 EXPW	VHC200 EXP
Collection Type	-	Wet/Dry	Dry (Wet Option)
Air Consumption @ 90 psi	CFM (L/min)	56 (1580)	94 (1982)
Waterlift, max.	in. (mm) H ₂ O	144 (3650)	153 (3875)
Airflow, max.	CFM (L/min)	74 (2095)	184 (5200)
Air Line Diameter	in. (mm)	0.5 (13)	0.75 (19)
Recommended Air Pressure	psi (bar)	90 (6)	90 (6)
Container Capacity	gal. (L)	13.2 (50)	26 (100)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	20.0 x 24.0 x 40.0 (508 x 610 x 1016)	31.5 x 23.6 x 62.6 (800 x 600 x 1590)
Sound Pressure Level	dB(A)	72	70
Available Features	-	    	  
Approvals	-		

Three-Phase Vacuums – White Line



Nilfisk White Line vacuums are designed specifically for food, pharmaceutical and OEM applications with innovative safety solutions like easy-to-clean design and application-specific features. They offer flexible configurations for in-process, continuous use and portable production line maintenance.

- GMP-compliant design is easy to clean and sanitize
- HEPA filtration to collect very fine and toxic dust
- Quiet operation
- All stainless steel construction available













Nilfisk VHW200 and VHW210

The VHW200 and VHW210 fixed industrial vacuums extract and recover small quantities of dust or trimmings. Horizontal layout and compact size make it ideal for OEMs and small footprint applications. (Standard pressure relief valve not depicted on models shown above.)

Nilfisk VHW201 and VHW211

The VHW201 and VHW211 units integrate with processing machines to collect fine powder and dust directly from the source.

Technical Specifications

Description	Unit	VHW200	VHW210	VHW201	VHW211
Collection Type	-	Dry	Dry	Dry	Dry
Type of Power	-	3-phase *	3-phase *	3-phase *	3-phase *
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	0.67 (500)	1.27 (950)	0.67 (500)	1.27 (950)
Waterlift, controlled	in. (mm) H ₂ O	60 (1524)	64 (1626)	60 (1524)	64 (1626)
Airflow, blower max.	CFM (L/min)	58 (1642)	102 (2888)	58 (1642)	102 (2888)
Current, max.	amps	2.7 / 1.5 / 1.1	4.5 / 2.3 / 1.95	2.7 / 1.5 / 1.1	4.5 / 2.3 / 1.95
Container Capacity	gallons (L)	0.26 (1)	1.7 (6.5)	1.7 (6.5)	1.7 (6.5)
Dimensions (L x W x H)	in. (mm)	20.9 x 10.6 x 19.5 (530 x 270 x 495)	25.2 x 13.0 x 18.7 (640 x 330 x 475)	18.0 x 16.9 x 32.3 (420 x 430 x 820)	18.0 x 16.9 x 32.3 (420 x 430 x 820)
Sound Pressure Level	dB(A)	56	62	56	59
Available Features	-	  	  	  	  

*Single-phase models available; see individual product sheet for more details.

Three-Phase Vacuums – White Line



Nilfisk VHW310 and VHW311
















The VHW310 and VHW311 fixed industrial vacuums integrate with processing machines to collect fine powder and dust directly from the source. If portability is needed, the VHW311 is available with optional wheel kit (as pictured above).

Nilfisk VHW321, VHW420, VHW421 and VHW440

The VHW321, VHW420, VHW421 and VHW440 portable vacuums make daily cleaning in production areas and process manufacturing fast and hassle-free. Conical cartridge filters provide more surface area, extend filter life and resist clogging. To reduce production downtime, users can clean filters with the PullClean system while the vacuum is in use.

The VHW420 and VHW440 units are available with PulseClean reverse purge system for automatic renewal of cartridge filters during collection of ultra fine powders. Optional Bag-In Bag-Out system for safe replacement of the HEPA filter is available on the VHW321 and VHW421.

Technical Specifications

Description	Unit	VHW310	VHW311	VHW321	VHW420	VHW421	VHW440
Collection Type	-	Dry	Dry	Dry	Dry	Dry	Dry
Type of Power	-	3-phase *	3-phase *	3-phase *	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	2.75 (2050) [2.35 (1750) @ 575]	2.75 (2050) [2.35 (1750) @ 575]	2.75 (2050) [2.35 (1750) @ 575]	3.42 (2550)	3.42 (2550)	6.17 (4600)
Waterlift, controlled	in. (mm) H ₂ O	88 (2235)	88 (2235)	88 (2235)	76 (1930)	76 (1930)	104 (2651)
Airflow, blower max.	CFM (L/min)	150 (4248)	150 (4248)	150 (4248)	222 (6286)	222 (6286)	294 (8333)
Current, max.	amps	8.8 / 4.4 / 2.95	8.8 / 4.4 / 2.95	8.8 / 4.4 / 2.95	11.4 / 6.0 / 4.55	11.4 / 6.0 / 4.55	15.6 / 9 / 7.6
Container Capacity	gallons (L)	6.6 (25)	6.6 (25)	6.6 (25)	12.6 (48)	12.6 (48)	12.6 (48)
Dimensions (L x W x H)	in. (mm)	28.0 x 16.5 x 35.6 (710 x 420 x 905)	28.0 x 16.5 x 35.6 (710 x 420 x 905)	28.9 x 17.3 x 46.1 (735 x 440 x 1170)	38.1 x 21.2 x 54.8 (968 x 538 x 1392)	38.1 x 21.2 x 54.8 (968 x 538 x 1392)	38.1 x 21.2 x 54.8 (968 x 538 x 1392)
Sound Pressure Level	dB(A)	65	64	64	66	68	70
Available Features	-	 	 	  	  	 	  

*Single-phase models available; see individual product sheet for more details.

Three-Phase Vacuums – White Line



VHW320 IC



VHW420 IC



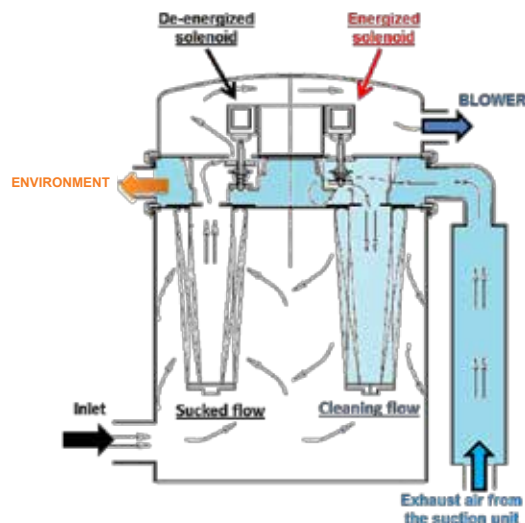
VHW440 IC

Nilfisk VHW320 IC, VHW420 IC and VHW440 IC

The VHW320 IC, VHW420 IC and VHW440 IC vacuums feature Nilfisk's newest automatic filter cleaning technology. InfiniClean™ is a self-contained, automated filter purging system requiring no external compressed air supply, secondary power source or cleaning actions by the operator. It dramatically reduces dust build-up inside processing equipment and eliminates costly downtime.

How it works:

The system continually re-routes exhaust air through the InfiniClean chamber. Solenoid valves automatically open and close to sequentially blast air through the conical filter cartridges. The pressure difference reverses the air flow through the cartridge filter, sending built-up dust down into the collection container.



Technical Specifications

Description	Unit	VHW320 IC	VHW420 IC	VHW440 IC
Collection Type	-	Dry	Dry	Dry
Type of Power	-	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460	220 / 460	220 / 460
Power @ 60 Hz	HP (W)	2.75 (2050)	3.42 (2550)	6.17 (4600)
Waterlift, controlled	in. (mm) H ₂ O	88 (2235)	76 (1930)	92.3 (2344)
Airflow, blower max.	CFM (L/min)	150 (4248)	222 (6286)	294 (8333)
Current, max.	amps	8.8 / 4.4	11.4 / 6.0	15.6 / 9.0
Container Capacity	gallons (L)	6.6 (25)	12.2 (46)	12.2 (46)
Dimensions (L x W x H)	in. (mm)	28.9 x 17.3 x 53.9 (735 x 440 x 1370)	38.2 x 21.3 x 61.4 (970 x 540 x 1560)	38.2 x 21.3 x 61.4 (970 x 540 x 1560)
Sound Pressure Level	dB(A)	64	66	70

Available Features

-



Three-Phase Vacuums – Trim and Scrap



R104 / R154



R155 / R305





3507WR

Nilfisk R Series

The R Series is designed for use during packaging applications in industries such as food and pharmaceutical. With the following features, the R Series is ideal to remove excess lateral trim and scraps during packaging processes:

- Three-phase regenerative blower to run virtually maintenance-free for long periods of time
- High vacuum pressure compresses the collected debris to optimize collection capacity
- Motor protection switch (overload) and pressure relief valve for reliable use in continuous duty applications
- Viewing window allows quick inspection to see when the bag filter needs to be emptied
- Mounted on wheels for easy maneuverability
- Heavy-duty, powder-coated steel or stainless steel collection container
- Container latches provide quick access to the collection tank for easy disposal
- Quiet operating performance for user comfort
- Different inlet diameter configurations available

Technical Specifications

Description	Unit	R104	R154	R155	R305	3507WR
Collection Type	-	Dry	Dry	Dry	Dry	Dry
Type of Power	-	3-phase *	3-phase *	3-phase *	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	1.27 (950)	1.47 (1300)	2.75 (2050) [2.35 HP (1750) @ 575]	3.42 (2550)	8.45 (6300)
Waterlift, controlled	in. (mm) H ₂ O	64 (1626)	60 (1524)	88 (2235)	76 (1930)	84 (2134)
Airflow, blower max.	CFM (L/min)	102 (2888)	135 (3823)	150 (4248)	222 (6286)	345 (9769)
Current, max.	amps	4.5 / 2.3 / 1.95	1.3 / 2.6	8.8 / 4.4 / 2.95	11.4 / 6 / 4.55	25.0 / 13.3 / 10.4
Container Capacity	gallons (L)	30 (114)	30 (114)	40 (150)	40 (150)	56.8 (215)
Dimensions (Diameter x H)	in. (mm)	18.1 x 47.2 (460 x 1200)	18.1 x 47.2 (460 x 1200)	22.1 x 49.2 (560 x 1250)	22.1 x 49.2 (560 x 1250)	47.2 x 27.6 x 55.1 (1200 x 700 x 1400)
Sound Pressure Level	dB(A)	68	72	72	75	74
Available Features	-	-	-			-

*Single-phase models available; see individual product sheet for more details.

Three-Phase Vacuums – Industrial



Nilfisk continuous-duty industrial vacuum cleaners offer strong performance at an affordable price. Ideal for collection of powders, liquids, dust and debris, the vacuums are easy to use and maintain, even in the most challenging environments.

Nilfisk T Series

The T26, T48 and T63 is equipped with motors from 2,600 up to 6,300 W, allowing users to choose the most suitable model for their needs. With the following features, the T Series makes daily cleaning in production areas and process manufacturing fast and hassle-free:

- Constructed of heavy duty steel and polypropylene
- Lightweight and highly maneuverable with rear swiveling wheels and locking brakes
- Unique release lever lowers the wheeled collection container and acts as a handle for fast and easy disposal of collected debris
- Compatible with a wide range of Nilfisk attachments and hoses to meet specific application requirements



Side view

Technical Specifications

Description	Unit	T26	T48	T63
Type of Power	-	3-phase	3-phase	3-phase
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	3.42 (2550)	6.43 (4800) [6.17 (4600) @ 575]	8.45 (6300)
Waterlift, controlled	in. (mm) H ₂ O	76 (1930)	140.5 (3569)	82.6 (2100)
Airflow, blower max.	CFM (L/min)	222 (6286)	222 (6286)	345 (9769)
Current, max.	amps	11.4 / 6 / 4.55	25 / 10.4 / 7.6	25 / 13.3 / 10.4
Container Capacity	gallons (L)	26 (100)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	44.5 x 23.6 x 60.2 (1130 x 600 x 1530)	44.5 x 23.6 x 60.2 (1130 x 600 x 1530)	44.5 x 23.6 x 60.2 (1130 x 600 x 1530)
Sound Pressure Level	dB(A)	71	74	74

Available Features



Three-Phase Vacuums – Industrial



T26 PLUS / T48 PLUS / T63 PLUS



VHT446 IC

Nilfisk continuous-duty industrial vacuum cleaners offer strong performance at an affordable price. Ideal for collection of powders, liquids, dust and debris, the vacuums are easy to use and maintain, even in the most challenging environments. The features of the T PLUS Series make daily cleaning in production areas and process manufacturing fast and hassle-free.











Nilfisk T PLUS Series

The T PLUS vacuums offer customers a “tailor-made” industrial vacuum, with a wide range of options and upgrades. They come standard with a stainless steel collection container, higher efficiency main filter and upstream HEPA filter. Possible electrical upgrades include automatic filter cartridge purge, wet level sensor, dry level sensor and remote start/stop.

Nilfisk VHT446 IC

Clogged filters directly impact vacuum performance and cause costly downtime, so Nilfisk designed InfiniClean™ filter cleaning technology to continuously clean the filter during unattended, continuous-duty applications such as fine dust collection in building and construction, concrete refinishing, powder coating, rubber and plastics applications. Learn more about how InfiniClean technology works on page 10.

Technical Specifications

Description	Unit	T26 PLUS	T48 PLUS	T63 PLUS	VHT446 IC
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)	Dry
Type of Power	-	3-phase	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460
Power @ 60 Hz	HP (W)	3.42 (2550)	6.43 (4800) [6.17 (4600) @ 575]	8.45 (6300)	6.17 (4600)
Waterlift, controlled	in. (mm) H ₂ O	76 (1930)	140.5 (3569)	82.6 (2100)	92.3 (2344)
Airflow, blower max.	CFM (L/min)	222 (6286)	222 (6286)	345 (9769)	294 (8333)
Current, max.	amps	11.4 / 6 / 4.55	25 / 10.4 / 7.6	25 / 13.3 / 10.4	15.6 / 9
Container Capacity	gallons (L)	26 (100)	26 (100)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)	44.5 x 23.6 x 60.2 (1130 x 600 x 1530)
Sound Pressure Level	dB(A)	67	71	71	70
Available Features	-	  	  	  	

Three-Phase Vacuums – Industrial



These Nilfisk vacuums put the “industrial” in industrial vacuum cleaner. They are designed and manufactured with the strength, power and reliability required for continuous, heavy-duty applications.






Nilfisk 3707/10, 3907 and 3907/18

This line offers oversized filter area and large collection capacity to guarantee long periods of operation without interrupting production. Very high performance levels ensure collection of large quantities of heavy debris over a distance. A high airflow model of the 3907 is available, but not listed below. Contact your local sales representative for details.

Nilfisk 3997 and 3997W

Designed for heavy-duty continuous use, 3997 vacuums feature a three-phase regenerative blower, oversized filter area and large collection capacity to guarantee long periods of uninterrupted operation. A control panel features an on/off switch, manometer, and automatic phase correction device to make the 3997 reliable and easy-to-use.

Technical Specifications

Description	Unit	3707/10	3907	3907/18	3997	3997W
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)
Type of Power	-	3-phase	3-phase	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	460 / 575	460 / 575	460 / 575	460 / 575	460 / 575
Power @ 60 Hz	HP (W)	12 (9000)	16.9 (12600)	19.4 (14500)	30.8 (23000)	30.8 (23000)
Waterlift, controlled	in. (mm) H ₂ O	92.3 (2344)	185 (4700)	108 (2743)	176 (4470)	76 (1930)
Airflow, blower max.	CFM (L/min)	518 (14668)	365 (10336)	740 (20954)	780 (22087)	1440 (40776)
Current, max.	amps	15.1 / 12.8	29 / 20.4	29 / 20.4	42 / 36.8	42 / 36.8
Container Capacity	gallons (L)	46 (175)	46 (175)	46 (175)	46 (175)	46 (175)
Dimensions (L x W x H)	in. (mm)	63.0 x 31.5 x 71.3 (1600 x 800 x 1810)	63.0 x 31.5 x 71.3 (1600 x 800 x 1810)	63.0 x 31.5 x 71.3 (1600 x 800 x 1810)	78.7 x 35.4 x 84.6 (2000 x 900 x 2150)	78.7 x 35.4 x 84.6 (2000 x 900 x 2150)
Sound Pressure Level	dB(A)	78	78	78	79	78
Available Features	-					

Machine Shop Vacuums



Reliable, powerful and efficient, Nilfisk machine shop solutions feature compact, mobile designs, multiple waste disposal options, and advanced features to save you time and money.

Nilfisk VHO 200



Designed for the metalworking industry, the VHO 200 collects metal chips, oily cuttings, lubricants and coolant spills. Replacing earlier single-phase models, the new design is constructed of 304 stainless steel, with additional upgrades including a removable collection bin, new float system for automatic shut-off and improved airflow performance.

It is equipped with a diverting valve that reverses the flow of air to pump out the tank quickly and easily for total liquid discharge. In just minutes, mixed liquids and solids can be collected, separated, discharged and recycled. Accessories are resistant to oils and water-based fluids and the chip basket is constructed of stainless steel.

Nilfisk Eco-Oil 13 and Eco-Oil 22

Simultaneously extract sump waste while recovering and recycling coolants and lubricants with Eco-Oil vacuums. These powerful, large-capacity workhorses are easy to use and maintain. They are ideal for the clean-up of lathes, milling machines, and cutting and grinding machines.

Technical Specifications

Description	Unit	VHO 200	Eco-Oil 13	Eco-Oil 22
Collection Type	-	Wet	Wet	Wet
Type of Power	-	1-phase	1-phase	3-phase
Voltage @ 60 Hz	V	110-120	115 / 230	220 / 460 / 575
Power @ 60 Hz	HP (W)	2.15 (1600)	1.96 (1460)	3.42 (2550)
Waterlift, max.	in. (mm) H ₂ O	80 (2042)	131 (3327)	76 (1930)
Airflow, max.	CFM (L/min)	150 (4248)	105 (2973)	222 (6286)
Current, max.	amps	13.3	14.1 / 6.1	11.4 / 6.0 / 4.6
Liquid Capacity	gallons (L)	19.8 (75)	48 (180)	48 (180)
Chip Capacity	gallons (L)	5.8 (22)	8 (30)	8 (30)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	22.8 x 34.7 x 48.4 (580 x 880 x 1230)	42.0 x 26.5 x 59.0 (1050 x 670 x 1500)	42.0 x 26.5 x 59.0 (1050 x 670 x 1500)
Sound Pressure Level	dB(A)	70	70	71
Available Features	-	 	-	-

Pneumatic / Air-Operated Vacuums



These high-performance, air-operated industrial vacuum cleaners are designed for environments where electricity is either unavailable or undesirable.

Nilfisk VT 60A

The VT 60A air-operated, wet/dry vacuum requires no filter change between wet and dry material collection. It has a venturi tube with no moving parts that allows for low maintenance over long periods of time. The tank and trolley are constructed of polyethylene. (Electric model available; see page 22.)







Nilfisk A15

This compact vacuum fits into tight spaces to capture ultra-fine dust, powders and debris. Stainless steel construction is available for sanitary applications. (Hazardous location model available; see page 6.)

Nilfisk VHC200

The newest addition to Nilfisk's pneumatic vacuum line, the VHC200 is powerful, multi-functional and easy to handle. It is designed to safely collect wet and dry materials when properly equipped. The venturi tube has no moving parts, which minimizes maintenance. It is engineered to obtain maximum efficiency with minimum air consumption. Practical in a variety of environments, this vacuum is particularly suitable for metalworking, powder coating operations and building/construction. Smaller collection capacity is available upon request. (Hazardous location model available; see page 7.)

Technical Specifications

Description	Unit	VT 60A	A15	VHC200
Collection Type	-	Wet/Dry	Dry	Dry (Wet Option)
Air Consumption @ 90 psi	CFM (L/min)	70 (1982)	56 (1580)	56 (1580)
Waterlift, max.	in. (mm) H ₂ O	172 (4369)	144 (3650)	144 (3650)
Airflow, max.	CFM (L/min)	140 (3964)	74 (2095)	74 (2095)
Air Line Diameter	in. (mm)	0.5 (13)	0.5 (13)	0.75 (19)
Recommended Air Pressure	psi (bar)	90 (6)	90 (6)	90 (6)
Container Capacity	gallons (L)	15 (56.8)	6.6 (25)	26 (100)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	24.0 x 21.5 x 37.5 (610 x 546 x 953)	19.7 x 21.6 x 37.4 (500 x 550 x 950)	31.5 x 23.6 x 62.6 (800 x 600 x 1590)
Sound Pressure Level	dB(A)	77	72	70
Available Features	-	  	 	

Single-Phase Vacuums – Industrial



118



S2



S3

Nilfisk intermittent-duty industrial vacuum cleaners give you the power to clean faster and more efficiently to cut costs, increase production, improve product quality and ensure worker safety.

Nilfisk 118







The first in the Nilfisk line of industrial vacuums, the 118 is compact and easy to use. It's built for maximum suction power, with a large main filter that prevents premature clogging and a filter shaker to free the main filter of dust without opening the vacuum.

Nilfisk S Series

The S Series is designed to meet a wide range of industrial cleaning challenges. Available in a variety of configurations, these vacuums feature solid construction with many innovations, such as a membrane switch keypad with LED indicators that monitor filter performance.

Standard features include a manual filter shaker to quickly clean the main filter, oversized handle for easy push/pull transport, accessory storage tray, cord holder and more. Optional features include the Longopac® collection system, a tool caddy, level sensors and other accessories for a variety of applications. The S2 and S3 are available in either 50-liter or 100-liter collection capacity. Specifications below feature a 50-liter S2 and 100-liter S3 model.

Technical Specifications

Description	Unit	118	S2	S3
Collection Type	-	Dry	Dry	Dry (Wet Option)
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	120 / 240	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	2.68 (2000) *	3.22 (2400)
Waterlift, max.	in. (mm) H ₂ O	85 (2150)	83.1 (2111)	71.5 (1816)
Airflow, max.	CFM (L/min)	95 (2700)	198 (5607)	270 (7646)
Current, max.	amps	9 / 5	14.5	15.8
Container Capacity	gallons (L)	6.6 (25)	13 (50)	26 (100)
Dimensions (L x W x H)	in. (mm)	19.7 x 21.6 x 37.0 (500 x 550 x 940)	31.5 x 23.6 x 51.2 (800 x 600 x 1300)	31.5 x 23.6 x 62.2 (800 x 600 x 1580)
Sound Pressure Level	dB(A)	76	70	71
Available Features	-			
Approvals	-			

*800 watt-motor model available; see individual product sheet for more details.

Single-Phase Vacuums – Light Industrial



GD 10



GD 930



UZ 964

Powerful suction, multi-stage filtration and compact, easy-to-use design are hallmarks of our single-phase vacuums. Each vacuum features excellent maneuverability and rugged construction to ensure reliable performance year after year. HEPA filtration is standard on each of these machines.

Nilfisk GD 10 Back Vac

This powerful, lightweight vacuum is comfortable, extremely quiet and equipped with a large dust bag to increase efficiency.







Nilfisk GD 930

Nilfisk's most popular vacuum for abatement of hazardous materials, the GD 930 canister vacuum provides solid performance in demanding environments. It has high suction power and durable construction.

Nilfisk UZ 964 Hip Vac

The Hip Vac is compact and ergonomic for superior productivity. Designed for operator comfort, it sits on the user's lower back, allowing freedom of movement and reduced back strain.

Technical Specifications

Description	Unit	GD 10	GD 930	UZ 964
Collection Type	-	Dry	Dry	Dry
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	100-120	110-120	120
Power @ 60 Hz	HP (W)	1.74 (1300)	1.34 (1000)	0.94 (700)
Waterlift, max.	in. (mm) H ₂ O	96 (2438)	92 (2345)	76 (1937)
Airflow, max.	CFM (L/min)	139 (3681)	74 (100)	59 (1680)
Current, max.	amps	10	8.7	6
Paper Bag Capacity	gallons (L)	1.8 (6.8)	4 (15)	0.58 (2.2)
Dimensions (L x W x H)	in. (mm)	9.4 x 9.4 x 23.0 (239 x 239 x 584)	17.5 x 15.0 x 13.0 (445 x 381 x 330)	14.6 x 7.9 x 8.3 (371 x 201 x 211)
Sound Pressure Level	dB(A)	62	53	52
Available Features	-			
Approvals	-			

Single-Phase Vacuums – Light Industrial



GM 80



GM 810 / GM 811

Nilfisk GM vacuum cleaners feature industry-leading multi-stage filtration, including a paper dust bag, main filter and microfilter, all as standard. The GM 80 has become a vacuum cleaner icon in a variety of industries.

Nilfisk GM 80 and GM 80i

Lightweight, portable and quiet, GM 80 vacuums provide durability, performance and a 3.24-gallon capacity. It comes standard with three stages of filtration with the option of adding a HEPA filter. It can be used in both portable and stationary applications. The GM 80i comes standard with additional heavy-duty, industrial accessories and can be outfitted with an optional microfilter.









Nilfisk GM 810 and GM 811

Variations of the iconic GM 80, the GM 810 and GM 811 have an increased 4-gallon collection capacity. The GM 811 is mounted on a heavy-duty trolley for easy maneuverability, which can be outfitted with tool storage.



Stages of filtration

Technical Specifications

Description	Unit	GM 80	GM 80i	GM 810	GM 811
Collection Type	-	Dry	Dry	Dry	Dry
Type of Power	-	1-phase	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	115 / 220	115 / 220	115 / 220	115 / 220
Power @ 60 Hz	HP (W)	1.48 (1100)	1.48 (1100)	1.48 (1100)	1.48 (1100)
Waterlift, controlled	in. (mm) H ₂ O	84 (2134)	84 (2134)	84 (2134)	84 (2134)
Airflow, max.	CFM (L/min)	80 (2265)	80 (2265)	80 (2265)	80 (2265)
Current, max.	amps	10 / 5	10 / 5	10 / 5	10 / 5
Container Capacity	gallons (L)	3.24 (12.3)	3.24 (12.3)	4 (15.1)	4 (15.1)
Dimensions (L x W x H)	in. (mm)	14.0 x 12.0 x 16.0 (356 x 305 x 406)	14.0 x 12.0 x 16.0 (356 x 305 x 406)	12.0 x 13.0 x 19.5 (305 x 330 x 495)	17.0 x 17.5 x 25.0 (432 x 445 x 635)
Sound Pressure Level	dB(A)	61	61	61	61
Available Features	-				
Approvals	-				

Cleanroom Vacuums



Nilfisk engineered the first cleanroom-packaged vacuums and now offers vacuums with HEPA and ULPA filtration. They are built for easy decontamination, sanitization and validation. Each vacuum is approved for cleanrooms up to ISO 4 (Class 10).

Nilfisk GM 80CR

The GM 80CR is lightweight, portable and quiet, making it perfect for cleanrooms, research labs and other critical environments. A four-stage filtration system includes a paper bag, main filter, microfilter and ULPA exhaust filter. It comes standard with antistatic hose and tools.

Nilfisk IVT 1000CR

Multi-stage filtration, AISI 316 stainless steel design, quiet 61 dB(A) noise level—the next level of cleanroom vacuum is here. It is available with the Nilfisk Safe-Pak™ container for safe collection, containment and disposal of potent compounds.

Technical Specifications

Description	Unit	GM 80CR	IVT 1000CR	IVT 1000CR Safe-Pak
Collection Type	-	Dry	Dry	Dry
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	115 / 220	110-120	110-120
Power @ 60 Hz	HP (W)	1.48 (1100)	1.48 (1100)	1.48 (1100)
Waterlift, max.	in. (mm) H ₂ O	84 (2134)	78.7 (1999)	79.5 (2019)
Airflow, max.	CFM (L/min)	80 (2265)	76.2 (2158)	72 (2039)
Current, max.	amps	10 / 5	10	10
Container Capacity	gallons (L)	3.24 (12.3)	3.25 (12.3)	1.72 (6.5)
Dimensions (L x W x H)	in. (mm)	14.0 x 12.0 x 16.0 (356 x 305 x 406)	11.8 x 11.8 x 24.8 (300 x 300 x 630)	11.8 x 11.8 x 27.6 (300 x 300 x 701)



Cleanroom Vacuums



VHS110 CR



VT 60CR

Nilfisk engineered the first cleanroom-packaged vacuums and now offers vacuums with HEPA and ULPA filtration. They are built for easy decontamination, sanitization and validation. Each vacuum is approved for cleanrooms up to ISO 4 (Class 10).









Nilfisk VHS110 CR

The VHS110 CR is ideal for cleanroom environments, functioning for both wet and dry applications. Constructed of stainless steel, this cleanroom model completely eliminates cross-contamination in the production area. The innovative PullClean system allows effective cleaning of the main filter while the vacuum is running, decreasing downtime. Complete with a downstream ULPA and upstream HEPA filter to avoid cleanroom contamination, an additional optional upstream ULPA filter ensures the highest filtration efficiency for fine dust.

Nilfisk VT 60CR

Made expressly for cleanroom environments, the VT 60CR is specially-designed to prevent motor carbon dust from escaping through the exhaust. No filter change is required between wet and dry collection.

Technical Specifications

Description	Unit	VHS110 CR	VT 60CR
Collection Type	-	Wet/Dry	Wet/Dry
Type of Power	-	1-phase	1-phase
Voltage @ 60 Hz	V	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	88.4 (2235)	80.4 (2042)
Airflow, max.	CFM (L/min)	95 (2700)	70 (1982)
Current, max.	amps	7.5	8.3
Container Capacity	gallons (L)	9.8 (37)	15 (56.8)
Dimensions (L x W x H)	in. (mm)	22.0 x 22.0 x 49.0 (570 x 560 x 1240)	24.0 x 21.5 x 37.5 (610 x 546 x 953)
Sound Pressure Level	dB(A)	73	75
Available Features	-	   	  
Approvals	-		-

Wet/Dry Vacuums



Nilfisk's versatile wet/dry industrial vacuums are available in a variety of construction materials and with multiple collection capacities and disposal options. Electric or pneumatic, these vacuums require no filter change between wet and dry collection. All of the HEPA vacuums are Lead RRP compliant.

Nilfisk VT 60 and VT 60CR

Featuring a 15-gallon tank capacity, the VT 60's filtration system enables simultaneous collection of wet and dry debris while protecting the filters from water and moisture damage. A HEPA filter is optional. (Pneumatic model available; see page 16.) The VT 60CR is made expressly for cleanroom environments. Additional information is available on page 21.












Nilfisk Eliminator Pro II

The versatile Eliminator Pro II is ideal for wet or dry collection of dust and debris. A 12-gallon collection container with 32 mm drain hose and efficient motor ensure minimal maintenance upkeep.

Nilfisk VHS 255 Drum Top

The Nilfisk VHS 255 is powered by two motors and fits on a 55-gallon drum. An optional float chamber and washable cartridge filter allow the vacuum to pick up both wet and dry materials. It can be fitted with an upstream HEPA filter for hazardous material collection. Drum and dolly sold separately.

Technical Specifications

Description	Unit	VT 60	VT 60CR	Eliminator Pro II	VHS 255
Collection Type	-	Wet/Dry	Wet/Dry	Wet/Dry	Dry (Wet Option)
Type of Power	-	1-phase	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	120	120	120	110-120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.34 (1000)	1.3 (1000)	2 (1500)
Waterlift, max.	in. (mm) H ₂ O	117 (2972)	80.4 (2042)	89 (2260)	70 (1778)
Airflow, max.	CFM (L/min)	99 (2803)	70 (1982)	130 (3681)	99 (2803)
Current, max.	amps	8.3	8.3	8.5	12.5
Container Capacity	gallons (L)	15 (56.8)	15 (56.8)	12 (5)	55 (208) (sold separately)
Dimensions (L x W x H)	in. (mm)	24.0 x 21.5 x 37.5 (610 x 546 x 953)	24.0 x 21.5 x 37.5 (610 x 546 x 953)	26.5 x 17.25 x 36.5 (673 x 438 x 927)	25.0 x 25.0 x 32.6 (635 x 635 x 829)
Sound Pressure Level	dB(A)	75	75	66.7	78
Available Features	-	  	  	 	 
Approvals	-	-	-		-



AERO 21

ATTIX 30

ATTIX 19 AE

Nilfisk Blue Line out-lasts and out-performs traditional shop-style vacuums in the toughest environments. Our most popular variants are listed below, visit www.nilfiskvacuum.com for additional models.

Nilfisk AERO 21

The compact AERO 21 ensures users safe operation, easy storage and transportation, and increased productivity. Featuring semi-automatic filter cleaning, it is engineered to bring long-lasting performance and industry-leading suction at a competitive price.






Nilfisk ATTIX 30

The ATTIX 30 brings more power and capacity with durable, flexible design for demanding users with a high frequency of cleaning. It comes standard with a semi-automatic filter cleaning system to ensure better performance and reliability. Models with automatic filter cleaning technology and auto start for electric/pneumatic tools are available.

Nilfisk ATTIX 19 AE Flood Sucker

Collect and discharge nearly one gallon of water per second with the ATTIX 19 AE sump pump vacuum. It is the ideal solution for plant emergency response clean-up and wet applications such as recycling water used to wash fruits and vegetables in a food processing facility. The powerful discharge pump expels water up to 30 feet vertically and 150 feet horizontally. It can be operated in three modes—vacuum only, pump only, or vacuum and pump.

Technical Specifications

Description	Unit	AERO 21	ATTIX 30	ATTIX 19 AE
Collection Type	-	Wet/Dry	Wet/Dry	Wet/Dry
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	120	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.34 (1000)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	84 (2133)	92 (2337)	105 (2667)
Airflow, max.	CFM (L/min)	127 (3596)	135 (3822)	140 (3964)
Current, max.	amps	8.3	8.3	8.3
Container Capacity	gallons (L)	5 (20)	8 (30)	19 (72)
Dimensions (L x W x H)	in. (mm)	15.0 x 15.0 x 20.0 (381 x 381 x 508)	18.0 x 15.0 x 23.0 (457 x 381 x 584)	24.0 x 23.0 x 38.0 (609 x 584 x 965)
Sound Pressure Level	dB(A)	64	59	57
Available Features	-			
Approvals	-			

Specialty Vacuums



The Nilfisk line of specialty products is designed to meet critical and challenging applications from vapor filtration to toxic material control and collection in a variety of distinct situations.











Nilfisk SS Vapor and SS Mercury

Designed for the unique requirements of the semiconductor industry, the Vapor vacuum captures toxic gases, such as arsine and phosphine, and chlorinated solvents released during the cleaning of process equipment. The Nilfisk SS Mercury recovers liquid mercury spills and granular mercury compounds effectively while absorbing mercury vapors. They feature a 316 stainless steel body, removable carbon filter cartridge, exhaust HEPA filter (optional on SS Mercury) and heavy-duty trolley.

Nilfisk VT Mercury

The VT Mercury vacuum safely collects and retains liquid mercury spills and granular compounds while eliminating toxic vapors. With four stages of filtration, it meets OSHA standards for collecting inorganic mercury.

Technical Specifications

Description	Unit	SS Vapor	SS Mercury	VT Mercury
Collection Type	-	Vapor	Mercury	Mercury
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	120 / 220	120 / 220	120
Power @ 60 Hz	HP (W)	1.48 (1100)	1.48 (1100)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	82 (2083)	82 (2083)	108 (2743)
Airflow, max.	CFM (L/min)	45 (1274)	24 (680)	45 (1274)
Current, max.	amps	10 / 5	10 / 5	8.3
Container Capacity	gallons (L)	3.25 (12.3)	3.25 (12.3)	12 (45.4)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	22.0 x 22.0 x 38.5 (559 x 559 x 978)	22.0 x 22.0 x 35.0 (559 x 559 x 889)	34.5 x 21.0 x 40.0 (876 x 533 x 1016)
Sound Pressure Level	dB(A)	61	61	75
Available Features	-	   	   	 



Variable Speed Control

Immersion Separator

Hoppers

Vacuum-Assisted Power Tools

Variable Speed Control

Variable speed control is an option that allows the operator to adjust the vacuum suction. Simply turn the dial to adjust the airflow from 8 to 87 CFM, or 10% to 100% of machine power, and every increment in between. This add-on feature is ideal for museum and other sensitive applications. It is available on 115 V models of the GM 80. See page 19 for vacuum information.

Immersion Separator

An immersion (wet) separator is available to safely trap and retain Group E-type metal dusts in a neutralizing fluid bath. Designed with the Nilfisk 118 EXP (see page 4) in mind, the separator can also be used with other EXP models by adding a kit that maintains the necessary dust submergence even under increased waterlift.

See pages 4 to 7 for more information on hazardous location vacuums. Contact your local sales representative for more information on solving dust collection challenges in Group E environments.

Hoppers

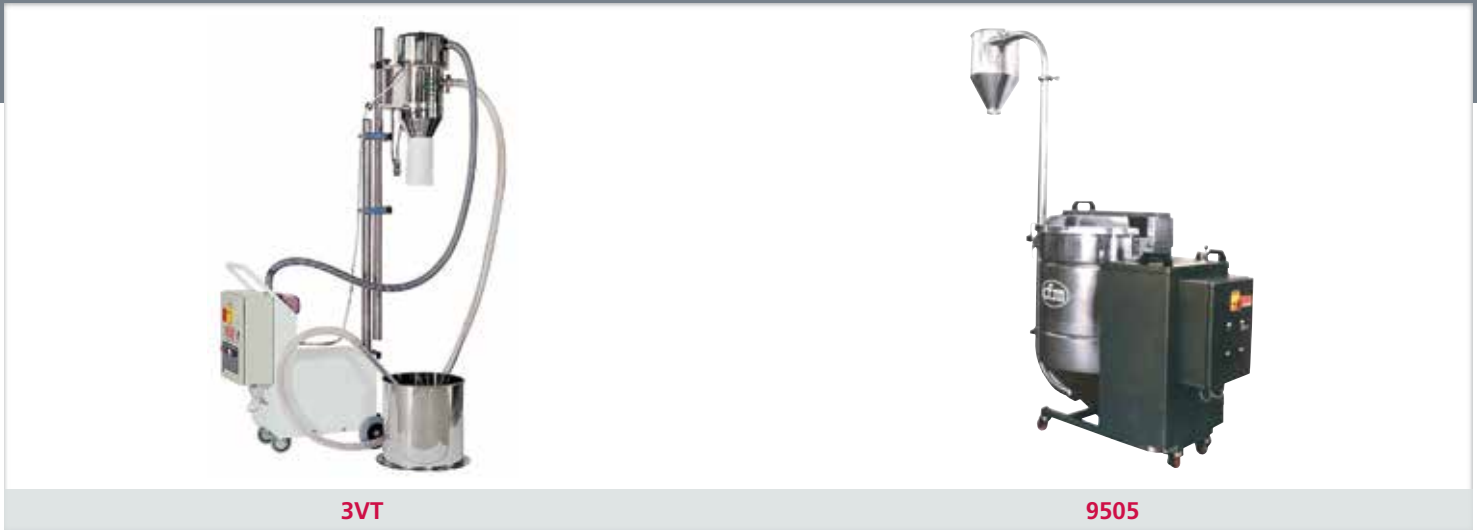
Separators are containers placed between the vacuum point and the vacuum cleaner and are the most effective way to vacuum and collect solids or liquids without having to use the container of the vacuum cleaner. One in a long list of separator options is the skip hopper. Nilfisk skip hoppers are available with 105- or 264-gallon collection capacities. The 105-gallon hopper has a tilt feature for easy disposal. The 264-gallon hopper features a drop-out bottom door for fast and easy emptying. The 264-gallon hopper can only be transported by forklift.

Vacuum-Assisted Power Tools

Nilfisk Industrial Vacuums offers vacuum-assisted power tools to control and capture unwanted dust and shavings while you work. The line includes scaling hammers, grinders, mini die grinders, sanders, cut-off tools, dry shields and needle descalers. Contact your local sales representative for more information.



Pneumatic Conveyors



3VT

9505

The Nilfisk pneumatic product conveying process takes place in perfect hygienic conditions, respecting both the environment and the operators' health.



Nilfisk 3VT Powder Conveyor

The 3VT moves powder and granules from sacks, big bags or other containers to the required location in selected quantities and within the desired time. The pneumatic dense phase conveyor transfers mixtures efficiently without segregation.

Nilfisk 9505 Capsule Conveyor

The 9505 is designed for the transfer of empty 00-5 sized capsules. Capsules are emptied into a collection container and dispensed at an adjustable rate into a capsule-filling machine. This unique conveyor uses air power to push the capsules through rigid sanitary piping into a hopper above the capsule-filling machine without damaging or opening the capsules. All capsule contact surfaces are constructed of AISI 316L stainless steel.

Technical Specifications

Description	Unit	3VT	9505
Conveying Type	-	Dry	Dry
Type of Power	-	3-phase *	3-phase
Voltage @ 60 Hz	V	220 / 460	220 / 460
Power @ 60 Hz	HP (W)	0.94 (700)	0.67 (0.50)
Waterlift, max.	in. (mm) H ₂ O	291 (7391)	47.5 (1207)
Airflow, max.	CFM (L/min)	9.4-14.7 (267-417)	46 (1300)
Min./Max. Inlet Air Pressure	psi (bar)	60-90 (4-6)	-
Hopper Capacity	gallons (L)	2.9 (11)	53 (200)
Dimensions (L x W x H)	in. (mm)	40.0 x 18.0 x 120.0 (1015 x 450 x 3050)	24.0 x 47.2 x 47.2 (610 x 1200 x 1200)
Available Features	-		

*Single-phase models available; see individual product sheet for more details.



Safely collect high-potency APIs, up to OEB5 GMP design



SAFE HEPA FILTER REPLACEMENT

The HEPA filter is safely removed thanks to the Bag-In Bag-Out (BIBO) system. The maintenance personnel never comes in contact with the contaminated particulate filter while removing, being protected against the hazardous contaminants retained by the filter unit. The sealed bag containing the filter is then removed and disposed of.



NO-CONTACT MATERIAL DISPOSAL

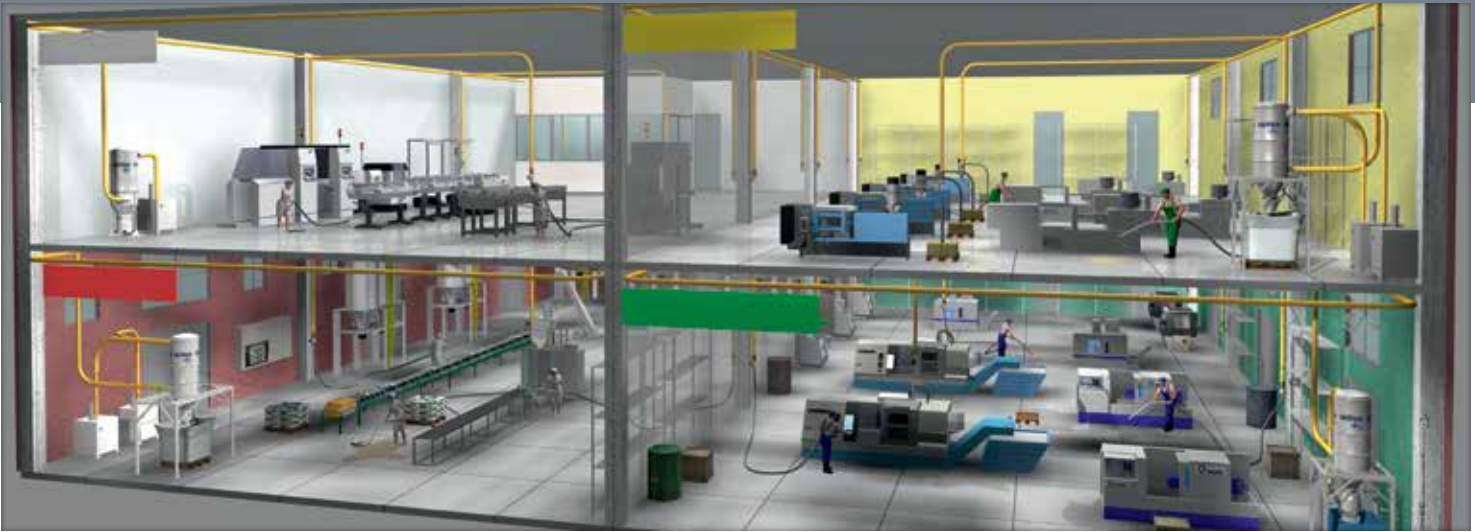
The hopper is emptied by opening the butterfly valve. The material is collected into a plastic bag which can be safely sealed, removed and replaced by the operator without ever coming in contact with it.



CLEAN IN PLACE AND WASH IN PLACE

The cyclone unit and filter unit can be washed inside - both by complete flooding and sprayballs - so as to deactivate the dust on the surfaces. The exhaust air is filtered by HEPA filters, while the washing liquid can be safely discharged. The WIP and CIP processes can be validated with fluoresceina tests before installation.

Central Vacuum Systems



Nilfisk's powerful, continuous-duty industrial vacuums are ideal for central cleaning applications. We have helped hundreds of customers with localized zone cleaning, process-integrated cleaning, spot suction and even full-scale applications where tube systems must cover an entire plant.

When a company comes to us with a need for a top-quality central system, we begin by thoroughly investigating the application. Our application engineers and product management team analyze the particle size and weight of the material to be collected and review installation specifications, including floor plans, anticipated tube runs, drop locations and machine locations. Armed with this information, we design the right system for the job.

Contact your local district sales manager to inquire about a central vacuum system for your facility. Visit our website or call—www.nilfiskindustrialvacuums.com or 1(800) NILFISK.



Central Vacuum Systems



Along with industrial vacuums, our central vacuum systems are customized to include the right tools for the job. They can include CV blowers, hopper separators and filtered pre-separators.

Nilfisk CV Blowers

CV blower units provide a wide range of performance capabilities for a variety of central vacuum system applications. The CV blower units, when coupled with our line of Nilfisk hopper separators, provide countless possibilities for customizing a central vacuum system.

Nilfisk Hopper Separators

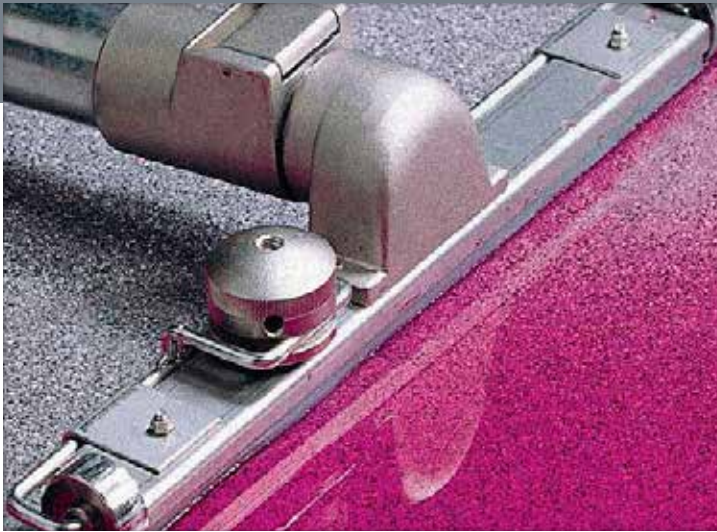
Nilfisk hopper separators offer a wide range of capacity and discharge options and can be combined with the Nilfisk line of CV blower units to fit any central vacuum system need.

Nilfisk Filtered Pre-Separators

These units collect, filter and hold materials in their tanks instead of sending them to the central system, significantly reducing the threat of cross-contamination. They are available in stainless steel and approved for cleanrooms down to ISO 5 (Class 100).



Accessories



Nilfisk Industrial Vacuums offers a complete line of accessories. There are hundreds of options to cover a wide range of needs. Pictured below are examples of various options.



Hoses

- Standard plastic
- Black conductive (carbon impregnated)
- Clear wire-reinforced FDA-approved (pictured)
- High-temperature flexible steel
- Neoprene
- Range available for use with explosion-proof/dust ignition-proof machines



Accessory Kits

- General cleaning (pictured)
- Overhead cleaning
- Cleanroom
- Oven cleaning
- Micro-tools
- Range available for use with explosion-proof/dust ignition-proof machines



Floor Nozzles

- Color-coded
- High-temperature
- Conductive
- Range available for use with explosion-proof/dust ignition-proof machines



Collection Tools

- High-temperature
- Antistatic
- Range available for use with explosion-proof/dust ignition-proof machines

Applications



Applications



Overhead Cleaning Accessories



Process Integration



All Stainless Steel Construction



Pneumatic Conveying



Coolant Reclamation



General Maintenance



Cleanroom Facilities



Equipment Cleaning



Multiple Operators



Bulk Collection

Clearing the way for a safer, cleaner and more productive everyday

Safe Choice Commitment

At Nilfisk Industrial Vacuums we understand that you face many risks each day, just by operating your business. That is why Nilfisk is dedicated to helping you make smart choices to keep your facility and your workers safe. Our team of experts is ready to tackle any cleaning challenge – because in a world full of risk, you have to make safe choices.

We are committed to being that safe choice. To learn more visit nilfiskindustrialvacuums.com.