

Nilfisk VHS010-VHS011 ACD: Mini industrial vacuum cleaners for combustible dust and hazardous dust

The VHS010 and VHS011 ACD are a range of third-party ACD-certified vacuum cleaners, suitable for the collection of combustible dust and hazardous dust.

The uniqueness of the mini IVS range is the high mobility in narrow spaces, its compactness, and lightweight as its robustness and reliability. MINI IVS ACD models for hazardous dust, the VHS010, are also available with different types of safe disposal systems to perfectly grant always highest safety standard. The three different models, equipped with safe disposal systems, are LC and HC third-party certified. The HC model uses a high-performing safe bag system, and for this reason, versions equipped with safe disposal are perfect for a wider range of applications with the most hazardous powders.

Models ACD with Pull&Clean, the VHS011, instead, can handle heavy loads of material with great stability of performance and without consumables. In ordinary usage, the Pull&Clean system is capable of incredibly extending the last of the conical cartridge filter. These models VHS011, are perfect for cleaning jobs in the food industry, where most of the powders are combustible, designed to be used for cleaning food processing machines, e.g. vertical packaging machines, conveyors belts, V-blenders, etc.. and for general cleaning of floors, desks, equipment, etc.

The three suggested accessory kits cover the most common applications. The full catalogue of accessories (diameter of 40 mm) are compatible with the mini IVS range.



Picture shown may not represent model quoted

- Lightweight and compact
 - Highly movable due to the 4 ball bearing pivoting wheels
 - Reliable with 900 W and a very good suction power
 - Metal-motorhead integrates the brushless bypass motor, safer and more robust in massive usage than standard moors, it has also an extended lifetime of up to 10.000 hours
 - Fully equipped with convenient handle, power cord holder, and accessories holder
 - Fully grounded and bounded, doesn't need inconvenient earthing wire and clamp
 - Pull&Clean system grants high performance of filtration without usage of consumables
 - 3 levels of safe disposal for the safest level of dust collection according to powder's classification, L-CLASS and H-CLASS
 - IP65 water and dust resistance of the motor head grants the highest protection for operators and the environment
 - Third-party certified ACD and L/M/H
- Standard equipment
 - Standard equipment
 - Standard equipment

Model	VHS011 LC ACD	VHS011 LC ACD AU	VHS011 LC ACD V110 UKP
Ref. no.	4010100120	4010100121	4010100124

PRODUCT FEATURES

Dust bag, 5 pcs.			
Stainless steel container	•	•	•
Uk model			•
Vacuum meter	•	•	•
Earth connection	•	•	•
UL/CSA Recognized Components			



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Model	VHS011 LC ACD	VHS011 LC ACD AU	VHS011 LC ACD V110 UKP
Ref. no.	4010100120	4010100121	4010100124

PRODUCT FEATURES

PullClean filter cleaning system	•		•
Antistatic cartridge filters	•		•
US model			
Upstream HEPA filter		•	
ACD certified (Appliances for Combustible Dust)	•	•	•

Model	VHS011 LC ACD UKP	VHS010 LC ACD	VHS010 HC ACD
Ref. no.	4010100126	4010100122	4010100123

PRODUCT FEATURES

Dust bag, 5 pcs.		•	
Stainless steel container	•	•	•
Uk model	•		
Vacuum meter	•	•	•
Earth connection	•	•	•
UL/CSA Recognized Components			
PullClean filter cleaning system			
Antistatic cartridge filters			
US model			
Upstream HEPA filter	•	•	•
ACD certified (Appliances for Combustible Dust)	•	•	•

Model	VHS010 HC ACD V110 UKP	VHS010 HC ACD UKP
Ref. no.	4010100125	4010100127

PRODUCT FEATURES

Dust bag, 5 pcs.		
Stainless steel container	•	•
Uk model	•	•
Vacuum meter	•	•
Earth connection	•	•
UL/CSA Recognized Components		
PullClean filter cleaning system		
Antistatic cartridge filters		
US model		
Upstream HEPA filter	•	•



Nilfisk VHS010-VHS011 ACD: Mini industrial vacuum cleaners for combustible dust and hazardous dust

Model	VHS010 HC ACD V110 UKP	VHS010 HC ACD UKP
Ref. no.	4010100125	4010100127

PRODUCT FEATURES

ACD certified (Appliances for Combustible Dust)

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Technical specifications	VHS011 LC ACD	VHS011 LC ACD AU	VHS011 LC ACD V110 UKP
Airflow with hose D70 - 3 m (L/min - m³/h)	2416 - 145	2333 - 140	2250 - 135
HEPA H14 Filter Area (optional) (cm²)	Optional	Optional	Optional
Voltage/frequency (V/Hz)	230/50	120/60	110/50
IP protection class	44	44	44
Insulation class	I	I	I
Dust class	M	M	M
Rated power (kW)	0.9	0.9	0.9
Max. airflow (m³/h - l/min.)	2750 - 165	2833 - 170	2666 - 160
Max. vacuum (kPa - mbar)	21 - 210	20 - 200	17,5 - 175
Sound pressure level (dB(A))	70	70	70
Tank capacity (l)	15	15	15
Main filter type	Conical cartridge	Conical cartridge	Conical cartridge
Main filter area (cm²)	9000	9000	9000
Inlet (mm)	40	40	40
Dimensions, L x W x H (mm)	410x420x770	410x420x770	410x420x770
Weight (kg)	18	18	18

Technical specifications	VHS011 LC ACD UKP	VHS010 LC ACD	VHS010 HC ACD
Airflow with hose D70 - 3 m (L/min - m³/h)	2250 - 135	2500 - 150	2500 - 150
HEPA H14 Filter Area (optional) (cm²)	Optional	11000	11000
Voltage/frequency (V/Hz)	110/50	230/50	230/50
IP protection class	44	44	44
Insulation class	I	I	I
Dust class	M	M	M
Rated power (kW)	0.9	0.9	0.9
Max. airflow (m³/h - l/min.)	2666 - 160	2750 - 165	2750 - 165
Max. vacuum (kPa - mbar)	17,5 - 175	21 - 210	21 - 210
Sound pressure level (dB(A))	70	70	70
Tank capacity (l)	15	30	30
Main filter type	Conical cartridge	Fleece filter bag	Safe bag system
Main filter area (cm²)	9000	-	-
Inlet (mm)	40	40	40



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Technical specifications	VHS011 LC ACD UKP	VHS010 LC ACD	VHS010 HC ACD
Dimensions, L x W x H (mm)	410x420x770	410x420x770	410x420x770
Weight (kg)	18	18	18

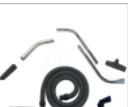
Technical specifications	VHS010 HC ACD V110 UKP	VHS010 HC ACD UKP
Airflow with hose D70 - 3 m (L/min - m³/h)	2333 – 140	2500 - 150
HEPA H14 Filter Area (optional) (cm²)	11000	11000
Voltage/frequency (V/Hz)	110/50	110/50
IP protection class	44	44
Insulation class	I	I
Dust class	M	M
Rated power (kW)	0.9	0.9
Max. airflow (m³/h - l/min.)	2666 – 160	2750 – 165
Max. vacuum (kPa - mbar)	17,5 - 175	17,5 - 175
Sound pressure level (dB(A))	70	70
Tank capacity (l)	30	30
Main filter type	Safe bag system	Safe bag system
Main filter area (cm²)	-	-
Inlet (mm)	40	40
Dimensions, L x W x H (mm)	410x420x770	410x420x770
Weight (kg)	18	18

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	VHS011 LC ACD	VHS011 LC ACD AU	VHS011 LC ACD V110 UKP
Cone Nozzle					
 CONIC TUBE D40 ANTISTATIC COMPONENT ATEX	40000214	0	○	○	○
 SILICONE CONE FDA D40	4072100105	0	○	○	○
Other					
 HANDGRIP SS D40 2 PIECES COMPLETE	4072200841	0	○	○	○
SEAL FOR HOLDER SILICONE AUTOCLAVABLE	80554900	0	○	○	○
Flexible Nozzle (IVT)					



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Accessories		Ref. no.	Min. required	VHS011 LC ACD	VHS011 LC ACD AU	VHS011 LC ACD V110 UKP
	FLEXIBLE NOZZLE 240MM D32MM SI AUTOCLAVE	81141103	0	○	○	○
Hose and Connection						
	BENT CONNECTION D40 INOX	Z7 21033	0	○	○	○
Round Brush Nozzle						
	ROUND ANTISTATIC BRUSH BLACK 38MM-70MM	4072400262	0	○	○	○
Coupling						
	REDUCER D40/32 SS WITH EXTERNAL RIMS	4072200622	0	○	○	○
Hose Vacuum Cleaner						
	ANTISTATIC HOSE FDA D40 MT3 + SLEEVES	4072400438	0	○	○	○
	FLEX ANTISTATIC HOSE D40 3M + SLEEVES	4072400785	0	○	○	○
Filter Bag						
	FLEECE FILTER BAG 5 PCS ATTIX 40/50	107419592	0	○	○	○
	SAFE BAG ANTISTATIC D360-D400 MOD.VHS010	4084001573	0			
Accessory Kit						
	ACD KIT D40 GENERAL MANUFACTURING	4072400774	0	○	○	○
	BASIC ANTIST. ACC. KIT D40 ACD MACHINE	4072400825	0	○	○	○

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Accessories		Ref. no.	Min. required	VHS011 LC ACD	VHS011 LC ACD AU	VHS011 LC ACD V110 UKP
	FDA ANTIST. ACC. KIT D40 ACD MACHINE	4072400826	0	○	○	○
Nozzle						
	ANTISTATIC FLOOR NOZZLE D40 300MM	4072200837	0	○	○	○

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Accessories		Ref. no.	Min. required	VHS011 LC ACD UKP	VHS010 LC ACD	VHS010 HC ACD
Cone Nozzle						
	CONIC TUBE D40 ANTISTATIC COMPONENT ATEX	40000214	0	○	○	○
	SILICONE CONE FDA D40	4072100105	0	○	○	○
Other						
	HANDGRIP SS D40 2 PIECES COMPLETE	4072200841	0	○	○	○
	SEAL FOR HOLDER SILICONE AUTOCLAVABLE	80554900	0	○	○	○
Flexible Nozzle (IVT)						
	FLEXIBLE NOZZLE 240MM D32MM SI AUTOCLAVE	81141103	0	○	○	○
Hose and Connection						
	BENT CONNECTION D40 INOX	Z7 21033	0	○	○	○
Round Brush Nozzle						
	ROUND ANTISTATIC BRUSH BLACK 38MM-70MM	4072400262	0	○	○	○
Coupling						

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	REDUCER D40/32 SS WITH EXTERNAL RIMS	4072200622	0	○	○	○
Hose Vacuum Cleaner						
	ANTISTATIC HOSE FDA D40 MT3 + SLEEVES	4072400438	0	○	○	○
	FLEX ANTISTATIC HOSE D40 3M + SLEEVES	4072400785	0	○	○	○
Filter Bag						
	FLEECE FILTER BAG 5 PCS ATTIX 40/50	107419592	0	○	○	○
	SAFE BAG ANTISTATIC D360-D400 MOD.VHS010	4084001573	0			○
Accessory Kit						
	ACD KIT D40 GENERAL MANUFACTURING	4072400774	0	○	○	○
	BASIC ANTIST. ACC. KIT D40 ACD MACHINE	4072400825	0	○	○	○
	FDA ANTIST. ACC. KIT D40 ACD MACHINE	4072400826	0	○	○	○
Nozzle						
	ANTISTATIC FLOOR NOZZLE D40 300MM	4072200837	0	○	○	○

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Hose and Connection					
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Coupling					
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Hose Vacuum Cleaner					
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	FDA ANTIST. ACC. KIT D40 ACD MACHINE	4072400826	0	○	○
Nozzle					
	ANTISTATIC FLOOR NOZZLE D40 300MM	4072200837	0	○	○

