

Cleanroom-friendly, wet & dry.

The single phase industrial vacuum cleaner for Wet&Dry cleanroom applications

The VHS110 CR is the innovative Wet&Dry single phase vacuum cleaner for cleanroom. The GMP design and the stainless steel execution make it extremely easy to clean and sanitize.

The ULPA15 downstream filter installed on all the CR machines avoids contamination of the cleanroom area by the unit, as well the optional upstream HEPA14 or ULPA15 filter secure the highest filtration efficiency in case of very fine dust.

The innovative PullClean system allows an effectively cleaning of the M Class star filter while the vacuum is running, without need to stop it.

The unit can be easily upgraded with optional mechanical floater to stop the vacuuming when the maximum level of liquid is reached in the 37 liter capacity container.

[https://media.nilfisk-advance.com/Cache/](https://media.nilfisk-advance.com/Cache/FileDownload/95120.2016-05-30-12-12-12.83926A95C6E064F49FB2170-C19D1A982/IVS%20Accessories%20for%20Food%26Pharma_Brochure.pdf)

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Picture shown may not represent model quoted

- GMP design
- Stainless steel AISI304 execution
- Downstream ULPA15 filter
- Upstream HEPA14/ULPA15 filter for fine dust
- 37L stainless steel removable container
- Mechanical floater for liquids
- Optional Stainless steel AISI316L execution for the container and the filter chamber
- Compact dimensions
- Vacuum meter to detect status of the filters
- Easy to use

- Standard equipment

Model	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
Ref. no.	4012300007	4012300023	4012300050

PRODUCT FEATURES

Stainless steel frame	•	•
Uk model		•
Stainless steel filter chamber	•	•
Stainless steel dust container	•	•
Vacuum meter	•	•
HEPA (H14) upstream filtration	•	•
M class filter	•	•
Filter cleaning system	•	•
Kit disposal system		•
Fully in stainless steel	•	•
UL/CSA Recognized Components		



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PRODUCT FEATURES

Downstream ULPA15 filter for cooling air

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Technical specifications	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
Voltage (V)	230	230	110
Frequency (Hz)	50	50	60
IP protection class	54	54	54
Insulation class	I	I	I
Rated power (kW)	1	1	1
Airflow without hose (m³/h - l/m)	162 - 2700	162 - 2700	162 - 2700
Max. vacuum (kPa - mbar)	22 - 220	22 - 220	22 - 220
Sound pressure level (dB(A))	76	76	76
Container capacity (l)	37	37	37
Main filter type	STAR FILTER M- CLASS	STAR FILTER M- CLASS	STAR FILTER M- CLASS
Main filter area (cm²)	10000	10000	10000
Upstream HEPA H14 filter (if present) (cm²)	11000	11000	11000
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	39	39	39

• Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
Vacuum Hose and Connection					
	BENT CONNECTION D50 INOX	Z7 21034	1	○	○
	BENT FITTING D40/38 IN SS	Z7 22359	1	○	○
	CONNECTION JOINT D50 INOX	Z7 22241	1	○	○
	CONNECTION TUBE D50 INOX	Z7 22230	1	○	○



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	REDUCER D50/40 INOX	Z7 22223	1	○	○	
	TUBE STAINLESS KIT	11112500	1	○	○	
	TUBE STRAIGHT D32 250MM STAINLESS STEEL	11882505	1	○	○	
	WYE D50/40/40 INOX	Z7 22261	1	○	○	
	WYE REG. 50/50/50 INOX COMPLETE	Z7 22250	1	○	○	
FDA Approved - 32 mm Connection						
	FLAT NOZZLE IVT1000 AUTOCLAVE FDA 300MM	22430808	1	○	○	
	NOZZLE FLOOR STANDARD 300MM FLAT	22431611	1	○	○	
Extension Tube						
	FLAT LANCE D40 INOX	40000213	1	○	○	
	FLAT LANCE D40 SS316L	4072100148	1	○	○	
	FLAT LANCE D50 SS316L	4072100149	1	○	○	
	HANDGRIP D40 AISI316L COMPLETE	4072200596	1	○	○	

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Accessories		Ref. no.	Min. required	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
	HANDGRIP D40 INOX COMPLETE	40000215	1	○	○	
	HANDGRIP D50 AISI316L COMPLETE	4072200597	1	○	○	
	HANDGRIP D50 INOX COMPLETE	40000222	1	○	○	
Nozzle						
	LIQ.SUCKER D50 MM400 INOX COMPLETE	Z7 22294	1	○	○	
	LIQUIDS SUCKER D40 MM400 INOX COMPLETE	Z7 22296	1	○	○	
	MOBILE SS NOZZLE+SILICONE FDA D40	4072400314	1	○	○	
	MOBILE SS NOZZLE+SILICONE FDA D50	4072400320	1	○	○	
	MOBILE SS NOZZLE+SILICONE FDA WHITE D40	4072400319	1	○	○	
	MOBILE SS NOZZLE+SILICONE FDA WHITE D50	4072400325	1	○	○	
	MOBILE SUCKER D40 MM400 INOX COMPLETE	40000216	1	○	○	
	MOBILE SUCKER D50 MM400 INOX COMPLETE	40000223	1	○	○	
	MOBILE SUCKER RUBBER 500 SIL SILICONE	Z8 20255	1	○	○	
	SILICONE COVER NOZZLE FDA	4082300062	1	○	○	
	SILICONE COVER NOZZLE FDA WHITE	4082300067	1	○	○	



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Accessories		Ref. no.	Min. required	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
	SILICONE NOZZLE FDA 120MM D40	4072100117	1	○	○	
	SILICONE NOZZLE FDA 120MM D50	4072100123	1	○	○	
	SILICONE WHEELS FOR NOZZLE SS+SIL	4082300061	1	○	○	
	SS NOZZLE+COVER FDA WHITE D40	4072400308	1	○	○	
	SS NOZZLE+COVER FDA WHITE D50	4072400313	1	○	○	
Crevice Nozzle						
	FLAT LANCE D50 INOX	40000220	1	○	○	
	SCRAPING SUCKER D40 INOX	Z7 22277	1	○	○	
	SCRAPING SUCKER D50 INOX	Z7 22278	1	○	○	
Hose Vacuum Cleaner						
	F_TUBE D40 ATOXIC ANTISTATIC IN METERS	Z7 24028	1	○	○	
	F_TUBE D50 ATOXIC ANTISTATIC IN METERS	Z7 24029	1	○	○	
	F_TUBE D70 ATOXIC ANTISTATIC IN METERS	Z7 24030	1	○	○	
	HOSE FDA D40 3M + SLEEVES	4072400334	1	○	○	

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	HOSE FDA D40 5M + SLEEVES	4072400336	1	○	○	
	HOSE FDA D40 10M + SLEEVES	4072400338	1	○	○	
	HOSE FDA D50 3M + SLEEVES	4072400335	1	○	○	
	HOSE FDA D50 5M + SLEEVES	4072400337	1	○	○	
	HOSE FDA D50 10M + SLEEVES	4072400339	1	○	○	
	HOSE SILICONE 3M	80551900	1	○	○	
	RUBBER HOSE FOR FOOD D40 3MT+SLEEVES	4072400202	1	○	○	
	RUBBER HOSE FOR FOOD D50 3MT+SLEEVES	4072400201	1	○	○	
	SILICON HOSE D.50 BY MT.	4072400220	1	○	○	
	SILICONE HOSE FDA WITH SLEEVES 3M D40	4072100135	1	○	○	
	SILICONE HOSE FDA WITH SLEEVES 3M D50	4072100136	1	○	○	
	SILICONE HOSE FDA WITH SLEEVES 5M D40	4072100137	1	○	○	
	SILICONE HOSE FDA WITH SLEEVES 5M D50	4072100138	1	○	○	

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Accessories		Ref. no.	Min. required	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
	SYLICONE HOSE D40 /METER	Z7 24189	1	○	○	
Accessory Kit						
	ALIMENTARY KIT OF ACC D40 FOR FLOOR	4072400210	1	○	○	
	ALIMENTARY KIT OF ACC D50 FOR FLOOR	4072400209	1	○	○	
	ALIMENTARY KIT OF ACC.D40 FOR MACHINE	4072400206	1	○	○	
	ANTISTATIC PHARMA KIT FDA D40	4072200612	1	○	○	
	ANTISTATIC PHARMA KIT FDA D50	4072200613	1	○	○	
	PHARMA KIT FDA D40	4072200614	1	○	○	
	PHARMA KIT FDA D50	4072200615	1	○	○	
	STARTER KIT AUTOCLAVABLE	80556700	1	○	○	
Crevice nozzle (IVT)						
	NOZZLE CREVICE D32 250MM STAINLESS STEEL	80552000	1	○	○	
Coupling						
	SLEEVE D50 SYLICONE	Z7 20278	1	○	○	
Hose and Connection						
	BENT CONNECTION D40 INOX	Z7 21033	1	○	○	
	BENT CONNECTION D40 INOX SS316L	4072100145	1	○	○	



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Accessories		Ref. no.	Min. required	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
	BENT CONNECTION D50 INOX SS316L	4072100146	1	○	○	
	CONNECTION JOINT D40 INOX	Z7 22240	1	○	○	
	CONNECTION JOINT D40 INOX SS316L	4072100140	1	○	○	
	CONNECTION JOINT D50 INOX SS316L	4072100141	1	○	○	
	CONNECTION TUBE D40 INOX	Z7 22229	1	○	○	
	CONNECTION TUBE D50 SS316L	4072100139	1	○	○	
	CONNECTION TUBE REG. D50 INOX COMPLETE	Z7 22221	1	○	○	
	G.REDUCER D70/40 INOX COMPLETE	Z7 22235	1	○	○	
	REDUCER D40/32 INOX	Z7 22347	1	○	○	
	REDUCER D50/32 INOX	Z7 22346	1	○	○	
	REDUCER D50/40 INOX SS316L	4072100142	1	○	○	
	REDUCER D70/40 INOX	Z7 22224	1	○	○	

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Accessories		Ref. no.	Min. required	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
	REDUCER D70/40 INOX SS316L	4072100143	1	○	○	
	REDUCER D70/50 INOX	Z7 22225	1	○	○	
	REDUCER D70/50 INOX SS316L	4072100144	1	○	○	
	REG.REDUCER D50/40 INOX COMPLETE	Z7 22234	1	○	○	
	REG.REDUCER D70/50 INOX COMPLETE	Z7 22236	1	○	○	
	SLEEVE FOR ANTISTATIC HOSE FDA D40	4072000358	1	○	○	
	SLEEVE FOR ANTISTATIC HOSE FDA D50	4072000359	1	○	○	
	WYE D50/50/50 INOX	Z7 22146	1	○	○	
	WYE D50/50/50 INOX SS316L	4072100147	1	○	○	
Cone Nozzle						
	SILICONE CONE FDA D40	4072100105	1	○	○	
	SILICONE CONE FDA D50	4072100111	1	○	○	
	SILICONE CONICAL TOOL FDA WHITE D50/20	4072100134	1	○	○	

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Accessories	Ref. no.	Min. required	VHS110 CR	VHS110 CR DS UKP	VHS110 SPECIAL
Flexible Nozzle (IVT)					
	FLEXIBLE NOZZLE 240MM D32MM SI AUTOCLAVE	81141103	1	○	○

