

Single phase explosion-proof industrial vacuum cleaner ATEX certified

The VHS110 Z22 is the innovative single phase industrial vacuum cleaner suitable for Atex Z22 locations. Thanks to the brushless motor, this machine ensures high performance. Moreover it needs less maintenance and is suitable for continuous use. The innovative PullClean system effectively cleans the antistatic star filter while the vacuum is running, without the need to stop working. The optional HEPA14/ULPA15 upstream filter is the perfect choice when collecting fine dusts. The modular design makes it extremely easy to service and upgrade in the field. With its 400 mm diameter the VHS110 ATEX is a compact in order to be easily used everywhere, but has a good capacity thanks to its 37 litre removable container. The simple design makes it easy to clean and sanitise.

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

- Single Phase Atex Z22
- High performance
- HEPA14/ULPA15 absolute filtration for very fine dust
- 37L stainless steel removable container
- Stainless steel version
- Compact dimensions
- Easy to use
- Easy to service



Picture shown may not represent model quoted

The single phase industrial vacuum cleaner for use in Atex Z22 locations.

- Standard equipment
- Standard equipment

Model	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
Ref. no.	4012300002	4012300003	4012300004

PRODUCT FEATURES

Stainless steel frame		•	
Uk model			
Stainless steel filter chamber		•	
Stainless steel dust container	•	•	•
Vacuum Meter	•	•	•
HEPA upstream filtration			•
Earth connection	•	•	•
ATEX category	•	•	•
L class AntiStatic filter	•	•	•
Conductive wheels	•	•	•
Filter cleaning system	•	•	•
Fully in stainless steel		•	



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Model	VHS110 Z22 V110 UKP
Ref. no.	4012300005

## PRODUCT FEATURES

Stainless steel frame	
Uk model	•
Stainless steel filter chamber	
Stainless steel dust container	•
Vacuum Meter	•
HEPA upstream filtration	
Earth connection	•
ATEX category	•
L class AntiStatic filter	•
Conductive wheels	•
Filter cleaning system	•
Fully in stainless steel	






Technical specifications	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
Sound pressure level (dB(A))	73	73	73
Voltage (V)	230	230	230
Frequency (Hz)	50	50	50
Ip protection class	65	65	65
Insulation class	F	F	F
Rated power (kW)	1.1	1.1	1.1
Airflow without Hose (m <sup>3</sup> /h – l/m)	216 - 3600	216 - 3600	216 - 3600
Max vacuum (kPa - mbar)	22 - 220	22 - 220	22 - 220
Container capacity (l)	37	37	37
Main filter type	ANTISTATIC STAR FILTER L-CLASS	ANTISTATIC STAR FILTER L-CLASS	ANTISTATIC STAR FILTER L-CLASS
Main filter area (cm <sup>2</sup> )	10000	10000	10000
Upstream HEPA filter H14 (cm <sup>2</sup> )	-	-	11000
Inlet (mm)	50	50	50
Length x width x height (cm)	56x57x124	56x57x124	56x57x124
Weight (kg)	42	42	43



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Technical specifications	VHS110 Z22 V110 UKP
Sound pressure level (dB(A))	73
Voltage (V)	110
Frequency (Hz)	50
Ip protection class	65
Insulation class	F
Rated power (kW)	1
Airflow without Hose (m3/h – l/m)	198 - 3300
Max vacuum (kPa - mbar)	22 - 220
Container capacity (l)	37
Main filter type	ANTISTATIC STAR FILTER L-CLASS
Main filter area (cm <sup>2</sup> )	10000
Upstream HEPA filter H14 (cm <sup>2</sup> )	-
Inlet (mm)	50
Length x width x height (cm)	56x57x124
Weight (kg)	42

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment









Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
<b>Vacuum Hose and Connection</b>					
 BENT FITTING D40/38 IN SS	Z7 22359	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	○	○	○
<b>Hose Vacuum Cleaner</b>					











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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	38-40MM ANTI STATIC CUFF	4072000343	1	○	○	○
	38MM ANTI STATIC CUFF	Z7 20324	1	○	○	○
	50MM ANTI STATIC CUFF	Z7 20325	1	○	○	○
	ANT.POL BLACK HOSE D40 MT3+SLEEVES	Z7 22368	1	○	○	○
	ANT.POL BLACK HOSE D40 MT5+SLEEVES	Z7 22371	1	○	○	○
	ANT.POL BLACK HOSE D40 MT15+SLEEVES	4072200477	1	○	○	○
	ANT.POL BLACK HOSE D50 MT3+SLEEVES	Z7 22369	1	○	○	○
	ANT.POL BLACK HOSE D50 MT5+SLEEVES	Z7 22372	1	○	○	○
	ANT.POL BLACK HOSE D50 MT15+SLEEVES	4072200478	1	○	○	○
	ANT.POLYURETHANE HOSE MT10 D40 WITH	Z7 22351	1	○	○	○
	ANT.POLYURETHANE HOSE MT10 D50 WITH	Z7 22352	1	○	○	○
	ANTISTATIC HOSE FDA D40 3M + SLEEVES	4072400334	1	○	○	○













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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	ANTISTATIC HOSE FDA D40 5M + SLEEVES	4072400336	1	○	○	○
	ANTISTATIC HOSE FDA D40 10M + SLEEVES	4072400338	1	○	○	○
	ANTISTATIC HOSE FDA D40 BY METER	4072400328	1	○	○	○
	ANTISTATIC HOSE FDA D50 3M + SLEEVES	4072400335	1	○	○	○
	ANTISTATIC HOSE FDA D50 5M + SLEEVES	4072400337	1	○	○	○
	ANTISTATIC HOSE FDA D50 10M + SLEEVES	4072400339	1	○	○	○
	ANTISTATIC HOSE FDA D50 BY METER	4072400329	1	○	○	○
	CONDUCTIVE FLEX HOSE D38MT3+ SLEEVES38/40	4072200509	1	○	○	○
	CONDUCTIVE FLEX HOSE D38MT5+ SLEEVES38/40	4072200510	1	○	○	○
	FLEX CONDUCTIVE HOSE D50 MT3+ SLEEVES	Z7 22375	1	○	○	○
	FLEX CONDUCTIVE HOSE D50 MT5+ SLEEVES	Z7 22377	1	○	○	○
	FLEX CONDUCTIVE HOSE D50 MT15+ SLEEVES	4072200481	1	○	○	○













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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	FLEXIBLE HOSE D40 MT3 REDUCT AND FITTING	Z7 22378	1	○	○	○
	FLEXIBLE STEEL HOSE D50 MT3+	Z7 22379	1	○	○	○
	FLOWING PTFE SLEEVE D40	Z7 20327	1	○	○	○
	FLOWING PTFE SLEEVE D50	Z7 20326	1	○	○	○
	HANK CONDUCTIVE FLEX HOSE D38 MT.30	4072400233	1	○	○	○
	HANK CONDUCTIVE FLEX HOSE D50 MT.30	4072400234	1	○	○	○
	HIGH TEMPERATURE HOSE D40 BY METER	4072400330	1	○	○	○
	HIGH TEMPERATURE HOSE D50 BY METER	4072400331	1	○	○	○
	HOSED40 POLYURETHAN MT3+SLEEVE	Z7 22297	1	○	○	○
	METAL TIE FOR HIGH TEMP. HOSE D40/60	4082300068	1	○	○	○
	METAL TIE FOR HIGH TEMP. HOSE D50/70	4082300071	1	○	○	○
	POL HOSE D40 MT5+SLEEVES	Z7 22365	1	○	○	○
	POL HOSE D40 MT15+SLEEVES	4072200474	1	○	○	○

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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	POL HOSE D50 MT5+SLEEVES	Z7 22366	1	○	○	○
	POL HOSE D50 MT15+SLEEVES	4072200475	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	○	○	○
	SLEEVE D40ANTISTAT.RUBBER COMPONENT ATEX	40000212	1	○	○	○
	SLEEVE D50ANTISTAT.RUBBER COMPONENT ATEX	40000219	1	○	○	○
	TUBE D40 FLEX. STEEL IN METERS	Z7 24031	1	○	○	○
	TUBE D50 FLEX. STEEL IN METERS	Z7 24032	1	○	○	○
	TUBE D50 POLYURETHAN MT3+SLEEV	Z7 22298	1	○	○	○
	TUBE D70 FLEX. STEEL IN METERS	Z7 24033	1	○	○	○

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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	TUBE D100 FLEX. STEEL IN METERS	Z7 24034	1	○	○	○
<b>Extension Tube</b>						
	ALUM.EXTENSION D40 MT1 INLET PIN M/F	Z7 22386	1	○	○	○
	ALUMINIUM EXTENSION D50 MT1 INLET PIN	Z7 22385	1	○	○	○
	EXTENS. X FURNACES D40 MT3 AL. COMPLETE	Z7 22036	1	○	○	○
	EXTENS. X FURNACES D50 MT3 AL COMPLETE	Z7 22037	1	○	○	○
	EXTENSION x FURNACES D50 MT2 A COMPLETE	Z7 22268	1	○	○	○
	EXTENSION X FURNACES D40 MT1 A COMPLETE	Z7 22270	1	○	○	○
	EXTENSION X FURNACES D40 MT2 A COMPLETE	Z7 22267	1	○	○	○
	EXTENSION X FURNACES D50 MT1 A COMPLETE	Z7 22271	1	○	○	○
	FLAT LANCE D40 INOX	40000213	1	○	○	○
	FLAT LANCE D40 SS316L	4072100148	1	○	○	○
	FLAT LANCE D50 INOX	40000220	1	○	○	○















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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	FLAT LANCE D50 SS316L	4072100149	1	○	○	○
	HANDGRIP D40 AISI316L COMPLETE	4072200596	1	○	○	○
	HANDGRIP D40 INOX COMPLETE	40000215	1	○	○	○
	HANDGRIP D50 AISI316L COMPLETE	4072200597	1	○	○	○
	HANDGRIP D50 INOX COMPLETE	40000222	1	○	○	○
<b>Cone Nozzle</b>						
	CONIC TUBE D40 ANTISTATIC COMPONENT ATEX	40000214	1	○	○	○
	CONIC TUBE D50 ANTISTATIC COMPONENT ATEX	40000221	1	○	○	○
	SILICONE CONE FDA BLUE D40	4072100106	1	○	○	○
	SILICONE CONE FDA BLUE D50	4072100112	1	○	○	○
	SILICONE CONE FDA D40	4072100105	1	○	○	○
	SILICONE CONE FDA D50	4072100111	1	○	○	○
	SILICONE CONE FDA GREEN D40	4072100108	1	○	○	○

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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	SILICONE CONE FDA GREEN D50	4072100114	1	○	○	○
	SILICONE CONE FDA RED D40	4072100107	1	○	○	○
	SILICONE CONE FDA RED D50	4072100113	1	○	○	○
	SILICONE CONE FDA WHITE D40	4072100110	1	○	○	○
	SILICONE CONE FDA WHITE D50	4072100116	1	○	○	○
	SILICONE CONE FDA YELLOW D40	4072100109	1	○	○	○
	SILICONE CONE FDA YELLOW D50	4072100115	1	○	○	○
	SILICONE CONICAL TOOL FDA BLUE D50/20	4072100130	1	○	○	○
	SILICONE CONICAL TOOL FDA D50/20	4072100129	1	○	○	○
	SILICONE CONICAL TOOL FDA GREEN D50/20	4072100132	1	○	○	○
	SILICONE CONICAL TOOL FDA RED D50/20	4072100131	1	○	○	○
	SILICONE CONICAL TOOL FDA WHITE D50/20	4072100134	1	○	○	○

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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
 SILICONE CONICAL TOOL FDA YELLOW D50/20	4072100133	1	○	○	○
<b>Nozzle</b>					
 LIQ.SUCKER D50 MM400 INOX COMPLETE	Z7 22294	1	○	○	○
 LIQUIDS SUCKER D40 MM400 INOX COMPLETE	Z7 22296	1	○	○	○
 MOB. SS NOZZLE+SILICONE FDA YELLOW D40	4072400318	1	○	○	○
 MOB. SS NOZZLE+SILICONE FDA YELLOW D50	4072400324	1	○	○	○
 MOBILE SS NOZZLE FDA FOR OVENS D40	4072400326	1	○	○	○
 MOBILE SS NOZZLE FDA FOR OVENS D50	4072400327	1	○	○	○
 MOBILE SS NOZZLE+SILICONE FDA BLUE D40	4072400315	1	○	○	○
 MOBILE SS NOZZLE+SILICONE FDA BLUE D50	4072400321	1	○	○	○
 MOBILE SS NOZZLE+SILICONE FDA D40	4072400314	1	○	○	○
 MOBILE SS NOZZLE+SILICONE FDA D50	4072400320	1	○	○	○
 MOBILE SS NOZZLE+SILICONE FDA GREEN D40	4072400317	1	○	○	○



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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
 MOBILE SS NOZZLE+SILICONE FDA GREEN D50	4072400323	1	○	○	○
 MOBILE SS NOZZLE+SILICONE FDA RED D40	4072400316	1	○	○	○
 MOBILE SS NOZZLE+SILICONE FDA RED D50	4072400322	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	○	○	○
 NOTCHED NOZZLE D50	80640501	1	○	○	○
 SILICONE NOZZLE FDA 120MM BLUE D40	4072100118	1	○	○	○
 SILICONE NOZZLE FDA 120MM BLUE D50	4072100124	1	○	○	○
 SILICONE NOZZLE FDA 120MM D40	4072100117	1	○	○	○
 SILICONE NOZZLE FDA 120MM D50	4072100123	1	○	○	○















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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
 SILICONE NOZZLE FDA 120MM GREEN D40	4072100120	1	○	○	○
 SILICONE NOZZLE FDA 120MM GREEN D50	4072100126	1	○	○	○
 SILICONE NOZZLE FDA 120MM RED D40	4072100119	1	○	○	○
 SILICONE NOZZLE FDA 120MM RED D50	4072100125	1	○	○	○
 SILICONE NOZZLE FDA 120MM WHITE D40	4072100122	1	○	○	○
 SILICONE NOZZLE FDA 120MM WHITE D50	4072100128	1	○	○	○
 SILICONE NOZZLE FDA 120MM YELLOW D40	4072100121	1	○	○	○
 SILICONE NOZZLE FDA 120MM YELLOW D50	4072100127	1	○	○	○
 SS NOZZLE+COVER FDA BLUE D40	4072400304	1	○	○	○
 SS NOZZLE+COVER FDA BLUE D50	4072400309	1	○	○	○
 SS NOZZLE+COVER FDA GREEN D40	4072400306	1	○	○	○
 SS NOZZLE+COVER FDA GREEN D50	4072400311	1	○	○	○







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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	SS NOZZLE+COVER FDA RED D40	4072400305	1	○	○	○
	SS NOZZLE+COVER FDA RED D50	4072400310	1	○	○	○
	SS NOZZLE+COVER FDA WHITE D40	4072400308	1	○	○	○
	SS NOZZLE+COVER FDA WHITE D50	4072400313	1	○	○	○
	SS NOZZLE+COVER FDA YELLOW D40	4072400307	1	○	○	○
	SS NOZZLE+COVER FDA YELLOW D50	4072400312	1	○	○	○
<b>Crevice nozzle (IVT)</b>						
	NOZZLE CREVICE D32 250MM STAINLESS STEEL	80552000	1	○	○	○
<b>Hose and Connection</b>						
	BENT CONNECTION D40 INOX	Z7 21033	1	○	○	○
	BENT CONNECTION D40 INOX SS316L	4072100145	1	○	○	○
	BENT CONNECTION D50 INOX	Z7 21034	1	○	○	○
	BENT CONNECTION D50 INOX SS316L	4072100146	1	○	○	○

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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	CONNECTION JOINT D40 INOX	Z7 22240	1	○	○	○
	CONNECTION JOINT D40 INOX SS316L	4072100140	1	○	○	○
	CONNECTION JOINT D50 INOX	Z7 22241	1	○	○	○
	CONNECTION JOINT D50 INOX SS316L	4072100141	1	○	○	○
	CONNECTION TUBE D50 INOX	Z7 22230	1	○	○	○
	CONNECTION TUBE D50 SS316L	4072100139	1	○	○	○
	CONNECTION TUBE REG. D50 INOX COMPLETE	Z7 22221	1	○	○	○
	REDUCER D50/32 INOX	Z7 22346	1	○	○	○
	REDUCER D50/40 INOX	Z7 22223	1	○	○	○
	REDUCER D50/40 INOX SS316L	4072100142	1	○	○	○
	REDUCER D70/40 INOX SS316L	4072100143	1	○	○	○
	REDUCER D70/50 INOX SS316L	4072100144	1	○	○	○

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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	REG.REDUCER D50/40 INOX COMPLETE	Z7 22234	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	○	○	○
<b>Crevice Nozzle</b>						
	SCRAPING SUCKER D40 INOX	Z7 22277	1	○	○	○
	SCRAPING SUCKER D50 INOX	Z7 22278	1	○	○	○
	SUCKER mm120ANTISTAT.RUBBER COMPONENT	Z7 21080	1	○	○	○
<b>Vac Nozzle Dry</b>						
	SUCKER D40 MM400 ALUMINIUM	Z7 22031	1	○	○	○
	SUCKER D50 MM400 ALUMINIUM	Z7 22032	1	○	○	○
	SUCKER x FURNACES D40 MM400 FE COMPLETE	Z7 22272	1	○	○	○
	SUCKER x FURNACES D50 MM400 FE COMPLETE	Z7 22273	1	○	○	○
<b>Accessory Kit</b>						



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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	15ATEX ACCESSORIES KIT	Z7 24175	1	○	○	○
	HIGH TEMPERATURE KIT+FLEX HOSE D40	4072200616	1	○	○	○
	HIGH TEMPERATURE KIT+FLEX HOSE D50	4072200617	1	○	○	○
	KIT FOR OVEN CLEANING D40	Z7 24193	1	○	○	○
	KIT FOR OVEN CLEANING D50	Z7 24192	1	○	○	○
	SET OF ACC ATEX D40 FLOOR	Z7 24186	1	○	○	○
	SET OF ACC ATEX D40 MACHINES FLOOR	Z7 24185	1	○	○	○
	SET OF ACC ATEX D50 FLOOR	Z7 24183	1	○	○	○
	SET OF ACC ATEX D50 MACHINES	Z7 24184	1	○	○	○
	SET OF ACC ATEX FLEX D38/40MACHINE FLOOR	4072400246	1	○	○	○
	SET OF ACC D40 MACHINES	Z7 24187	1	○	○	○
	SET OF ACC D50 MACHINES.FLOOR ATEX	Z7 24182	1	○	○	○
<b>Brush</b>						









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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
 RECTANGULAR BRUSH FDA BLUE D40	4072400294	1	○	○	○
 RECTANGULAR BRUSH FDA BLUE D50	4072400299	1	○	○	○
 RECTANGULAR BRUSH FDA GREEN D40	4072400296	1	○	○	○
 RECTANGULAR BRUSH FDA GREEN D50	4072400301	1	○	○	○
 RECTANGULAR BRUSH FDA RED D40	4072400295	1	○	○	○
 RECTANGULAR BRUSH FDA RED D50	4072400300	1	○	○	○
 RECTANGULAR BRUSH FDA WHITE D40	4072400298	1	○	○	○
 RECTANGULAR BRUSH FDA YELLOW D40	4072400297	1	○	○	○
 RECTANGULAR BRUSH FDA YELLOW D50	4072400302	1	○	○	○
ROUND ANTISTATIC BRUSH BLACK 38MM-70MM	4072400262	1	○	○	○
ROUND ANTISTATIC BRUSH BLACK 50MM - 70MM	4072400263	1	○	○	○
ROUND BRUSH RING BLACK 70MM ANTISTATIC	4072400270	1	○	○	○
 TRIANGULAR BRUSH FDA BLUE D40	4072400284	1	○	○	○
 TRIANGULAR BRUSH FDA BLUE D50	4072400289	1	○	○	○






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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	TRIANGULAR BRUSH FDA GREEN D40	4072400286	1	○	○	○
	TRIANGULAR BRUSH FDA GREEN D50	4072400291	1	○	○	○
	TRIANGULAR BRUSH FDA RED D40	4072400285	1	○	○	○
	TRIANGULAR BRUSH FDA RED D50	4072400290	1	○	○	○
	TRIANGULAR BRUSH FDA WHITE D40	4072400288	1	○	○	○
	TRIANGULAR BRUSH FDA WHITE D50	4072400293	1	○	○	○
	TRIANGULAR BRUSH FDA YELLOW D40	4072400287	1	○	○	○
	TRIANGULAR BRUSH FDA YELLOW D50	4072400292	1	○	○	○
<b>Round Brush Nozzle</b>						
	ROUND BRUSH FDA BLUE D40	4072400274	1	○	○	○
	ROUND BRUSH FDA BLUE D50	4072400279	1	○	○	○
	ROUND BRUSH FDA GREEN D40	4072400276	1	○	○	○
	ROUND BRUSH FDA GREEN D50	4072400281	1	○	○	○

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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	ROUND BRUSH FDA RED D40	4072400275	1	○	○	○
	ROUND BRUSH FDA RED D50	4072400280	1	○	○	○
	ROUND BRUSH FDA WHITE D40	4072400278	1	○	○	○
	ROUND BRUSH FDA WHITE D50	4072400283	1	○	○	○
	ROUND BRUSH FDA YELLOW D40	4072400277	1	○	○	○
	ROUND BRUSH FDA YELLOW D50	4072400282	1	○	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment













Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
<b>Vacuum Hose and Connection</b>				
	BENT FITTING D40/38 IN SS	Z7 22359	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	○














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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
<b>Hose Vacuum Cleaner</b>				
	38-40MM ANTI STATIC CUFF	4072000343	1	○
	38MM ANTI STATIC CUFF	Z7 20324	1	○
	50MM ANTI STATIC CUFF	Z7 20325	1	○
	ANT.POL BLACK HOSE D40 MT3+SLEEVES	Z7 22368	1	○
	ANT.POL BLACK HOSE D40 MT5+SLEEVES	Z7 22371	1	○
	ANT.POL BLACK HOSE D40 MT15+SLEEVES	4072200477	1	○
	ANT.POL BLACK HOSE D50 MT3+SLEEVES	Z7 22369	1	○
	ANT.POL BLACK HOSE D50 MT5+SLEEVES	Z7 22372	1	○
	ANT.POL BLACK HOSE D50 MT15+SLEEVES	4072200478	1	○
	ANT.POLYURETHANE HOSE MT10 D40 WITH	Z7 22351	1	○
	ANT.POLYURETHANE HOSE MT10 D50 WITH	Z7 22352	1	○
	ANTISTATIC HOSE FDA D40 3M + SLEEVES	4072400334	1	○













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	Accessories	Ref. no.	Min. required	VHS110 Z22 V110 UKP
	ANTISTATIC HOSE FDA D40 5M + SLEEVES	4072400336	1	○
	ANTISTATIC HOSE FDA D40 10M + SLEEVES	4072400338	1	○
	ANTISTATIC HOSE FDA D40 BY METER	4072400328	1	○
	ANTISTATIC HOSE FDA D50 3M + SLEEVES	4072400335	1	○
	ANTISTATIC HOSE FDA D50 5M + SLEEVES	4072400337	1	○
	ANTISTATIC HOSE FDA D50 10M + SLEEVES	4072400339	1	○
	ANTISTATIC HOSE FDA D50 BY METER	4072400329	1	○
	CONDUCTIVE FLEX HOSE D38MT3+SLEEVES38/40	4072200509	1	○
	CONDUCTIVE FLEX HOSE D38MT5+SLEEVES38/40	4072200510	1	○
	FLEX CONDUCTIVE HOSE D50 MT3+ SLEEVES	Z7 22375	1	○
	FLEX CONDUCTIVE HOSE D50 MT5+ SLEEVES	Z7 22377	1	○
	FLEX CONDUCTIVE HOSE D50 MT15+ SLEEVES	4072200481	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	FLEXIBLE HOSE D40 MT3 REDUCT AND FITTING	Z7 22378	1	○
	FLEXIBLE STEEL HOSE D50 MT3+	Z7 22379	1	○
	FLOWING PTFE SLEEVE D40	Z7 20327	1	○
	FLOWING PTFE SLEEVE D50	Z7 20326	1	○
	HANK CONDUCTIVE FLEX HOSE D38 MT.30	4072400233	1	○
	HANK CONDUCTIVE FLEX HOSE D50 MT.30	4072400234	1	○
	HIGH TEMPERATURE HOSE D40 BY METER	4072400330	1	○
	HIGH TEMPERATURE HOSE D50 BY METER	4072400331	1	○
	HOSED40 POLYURETHAN MT3+SLEEVE	Z7 22297	1	○
	METAL TIE FOR HIGH TEMP. HOSE D40/60	4082300068	1	○
	METAL TIE FOR HIGH TEMP. HOSE D50/70	4082300071	1	○
	POL HOSE D40 MT5+SLEEVES	Z7 22365	1	○
	POL HOSE D40 MT15+SLEEVES	4072200474	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	POL HOSE D50 MT5+SLEEVES	Z7 22366	1	○
	POL HOSE D50 MT15+SLEEVES	4072200475	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	○
	SLEEVE D40ANTISTAT.RUBBER COMPONENT ATEX	40000212	1	○
	SLEEVE D50ANTISTAT.RUBBER COMPONENT ATEX	40000219	1	○
	TUBE D40 FLEX. STEEL IN METERS	Z7 24031	1	○
	TUBE D50 FLEX. STEEL IN METERS	Z7 24032	1	○
	TUBE D50 POLYURETHAN MT3+SLEEV	Z7 22298	1	○
	TUBE D70 FLEX. STEEL IN METERS	Z7 24033	1	○















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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	TUBE D100 FLEX. STEEL IN METERS	Z7 24034	1	○
<b>Extension Tube</b>				
	ALUM.EXTENSION D40 MT1 INLET PIN M/F	Z7 22386	1	○
	ALUMINIUM EXTENSION D50 MT1 INLET PIN	Z7 22385	1	○
	EXTENS. X FURNACES D40 MT3 AL. COMPLETE	Z7 22036	1	○
	EXTENS. X FURNACES D50 MT3 AL COMPLETE	Z7 22037	1	○
	EXTENSION x FURNACES D50 MT2 A COMPLETE	Z7 22268	1	○
	EXTENSION X FURNACES D40 MT1 A COMPLETE	Z7 22270	1	○
	EXTENSION X FURNACES D40 MT2 A COMPLETE	Z7 22267	1	○
	EXTENSION X FURNACES D50 MT1 A COMPLETE	Z7 22271	1	○
	FLAT LANCE D40 INOX	40000213	1	○
	FLAT LANCE D40 SS316L	4072100148	1	○
	FLAT LANCE D50 INOX	40000220	1	○















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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	FLAT LANCE D50 SS316L	4072100149	1	○
	HANDGRIP D40 AISI316L COMPLETE	4072200596	1	○
	HANDGRIP D40 INOX COMPLETE	40000215	1	○
	HANDGRIP D50 AISI316L COMPLETE	4072200597	1	○
	HANDGRIP D50 INOX COMPLETE	40000222	1	○
<b>Cone Nozzle</b>				
	CONIC TUBE D40 ANTISTATIC COMPONENT ATEX	40000214	1	○
	CONIC TUBE D50 ANTISTATIC COMPONENT ATEX	40000221	1	○
	SILICONE CONE FDA BLUE D40	4072100106	1	○
	SILICONE CONE FDA BLUE D50	4072100112	1	○
	SILICONE CONE FDA D40	4072100105	1	○
	SILICONE CONE FDA D50	4072100111	1	○
	SILICONE CONE FDA GREEN D40	4072100108	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	SILICONE CONE FDA GREEN D50	4072100114	1	○
	SILICONE CONE FDA RED D40	4072100107	1	○
	SILICONE CONE FDA RED D50	4072100113	1	○
	SILICONE CONE FDA WHITE D40	4072100110	1	○
	SILICONE CONE FDA WHITE D50	4072100116	1	○
	SILICONE CONE FDA YELLOW D40	4072100109	1	○
	SILICONE CONE FDA YELLOW D50	4072100115	1	○
	SILICONE CONICAL TOOL FDA BLUE D50/20	4072100130	1	○
	SILICONE CONICAL TOOL FDA D50/20	4072100129	1	○
	SILICONE CONICAL TOOL FDA GREEN D50/20	4072100132	1	○
	SILICONE CONICAL TOOL FDA RED D50/20	4072100131	1	○
	SILICONE CONICAL TOOL FDA WHITE D50/20	4072100134	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	SILICONE CONICAL TOOL FDA YELLOW D50/20	4072100133	1	○
<b>Nozzle</b>				
	LIQ.SUCKER D50 MM400 INOX COMPLETE	Z7 22294	1	○
	LIQUIDS SUCKER D40 MM400 INOX COMPLETE	Z7 22296	1	○
	MOB. SS NOZZLE+SILICONE FDA YELLOW D40	4072400318	1	○
	MOB. SS NOZZLE+SILICONE FDA YELLOW D50	4072400324	1	○
	MOBILE SS NOZZLE FDA FOR OVENS D40	4072400326	1	○
	MOBILE SS NOZZLE FDA FOR OVENS D50	4072400327	1	○
	MOBILE SS NOZZLE+SILICONE FDA BLUE D40	4072400315	1	○
	MOBILE SS NOZZLE+SILICONE FDA BLUE D50	4072400321	1	○
	MOBILE SS NOZZLE+SILICONE FDA D40	4072400314	1	○
	MOBILE SS NOZZLE+SILICONE FDA D50	4072400320	1	○
	MOBILE SS NOZZLE+SILICONE FDA GREEN D40	4072400317	1	○



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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	MOBILE SS NOZZLE+SILICONE FDA GREEN D50	4072400323	1	○
	MOBILE SS NOZZLE+SILICONE FDA RED D40	4072400316	1	○
	MOBILE SS NOZZLE+SILICONE FDA RED D50	4072400322	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	○
	NOTCHED NOZZLE D50	80640501	1	○
	SILICONE NOZZLE FDA 120MM BLUE D40	4072100118	1	○
	SILICONE NOZZLE FDA 120MM BLUE D50	4072100124	1	○
	SILICONE NOZZLE FDA 120MM D40	4072100117	1	○
	SILICONE NOZZLE FDA 120MM D50	4072100123	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	SILICONE NOZZLE FDA 120MM GREEN D40	4072100120	1	○
	SILICONE NOZZLE FDA 120MM GREEN D50	4072100126	1	○
	SILICONE NOZZLE FDA 120MM RED D40	4072100119	1	○
	SILICONE NOZZLE FDA 120MM RED D50	4072100125	1	○
	SILICONE NOZZLE FDA 120MM WHITE D40	4072100122	1	○
	SILICONE NOZZLE FDA 120MM WHITE D50	4072100128	1	○
	SILICONE NOZZLE FDA 120MM YELLOW D40	4072100121	1	○
	SILICONE NOZZLE FDA 120MM YELLOW D50	4072100127	1	○
	SS NOZZLE+COVER FDA BLUE D40	4072400304	1	○
	SS NOZZLE+COVER FDA BLUE D50	4072400309	1	○
	SS NOZZLE+COVER FDA GREEN D40	4072400306	1	○
	SS NOZZLE+COVER FDA GREEN D50	4072400311	1	○



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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	SS NOZZLE+COVER FDA RED D40	4072400305	1	○
	SS NOZZLE+COVER FDA RED D50	4072400310	1	○
	SS NOZZLE+COVER FDA WHITE D40	4072400308	1	○
	SS NOZZLE+COVER FDA WHITE D50	4072400313	1	○
	SS NOZZLE+COVER FDA YELLOW D40	4072400307	1	○
	SS NOZZLE+COVER FDA YELLOW D50	4072400312	1	○
<b>Crevice nozzle (IVT)</b>				
	NOZZLE CREVICE D32 250MM STAINLESS STEEL	80552000	1	○
<b>Hose and Connection</b>				
	BENT CONNECTION D40 INOX	Z7 21033	1	○
	BENT CONNECTION D40 INOX SS316L	4072100145	1	○
	BENT CONNECTION D50 INOX	Z7 21034	1	○
	BENT CONNECTION D50 INOX SS316L	4072100146	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	CONNECTION JOINT D40 INOX	Z7 22240	1	○
	CONNECTION JOINT D40 INOX SS316L	4072100140	1	○
	CONNECTION JOINT D50 INOX	Z7 22241	1	○
	CONNECTION JOINT D50 INOX SS316L	4072100141	1	○
	CONNECTION TUBE D50 INOX	Z7 22230	1	○
	CONNECTION TUBE D50 SS316L	4072100139	1	○
	CONNECTION TUBE REG. D50 INOX COMPLETE	Z7 22221	1	○
	REDUCER D50/32 INOX	Z7 22346	1	○
	REDUCER D50/40 INOX	Z7 22223	1	○
	REDUCER D50/40 INOX SS316L	4072100142	1	○
	REDUCER D70/40 INOX SS316L	4072100143	1	○
	REDUCER D70/50 INOX SS316L	4072100144	1	○



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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	REG.REDUCER D50/40 INOX COMPLETE	Z7 22234	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	○
<b>Crevice Nozzle</b>				
	SCRAPING SUCKER D40 INOX	Z7 22277	1	○
	SCRAPING SUCKER D50 INOX	Z7 22278	1	○
	SUCKER mm120ANTISTAT.RUBBER COMPONENT	Z7 21080	1	○
<b>Vac Nozzle Dry</b>				
	SUCKER D40 MM400 ALUMINIUM	Z7 22031	1	○
	SUCKER D50 MM400 ALUMINIUM	Z7 22032	1	○
	SUCKER x FURNACES D40 MM400 FE COMPLETE	Z7 22272	1	○
	SUCKER x FURNACES D50 MM400 FE COMPLETE	Z7 22273	1	○
<b>Accessory Kit</b>				

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	15ATEX ACCESSORIES KIT	Z7 24175	1	○
	HIGH TEMPERATURE KIT+FLEX HOSE D40	4072200616	1	○
	HIGH TEMPERATURE KIT+FLEX HOSE D50	4072200617	1	○
	KIT FOR OVEN CLEANING D40	Z7 24193	1	○
	KIT FOR OVEN CLEANING D50	Z7 24192	1	○
	SET OF ACC ATEX D40 FLOOR	Z7 24186	1	○
	SET OF ACC ATEX D40 MACHINES FLOOR	Z7 24185	1	○
	SET OF ACC ATEX D50 FLOOR	Z7 24183	1	○
	SET OF ACC ATEX D50 MACHINES	Z7 24184	1	○
	SET OF ACC ATEX FLEX D38/40MACHINE FLOOR	4072400246	1	○
	SET OF ACC D40 MACHINES	Z7 24187	1	○
	SET OF ACC D50 MACHINES.FLOOR ATEX	Z7 24182	1	○
<b>Brush</b>				









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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	RECTANGULAR BRUSH FDA BLUE D40	4072400294	1	○
	RECTANGULAR BRUSH FDA BLUE D50	4072400299	1	○
	RECTANGULAR BRUSH FDA GREEN D40	4072400296	1	○
	RECTANGULAR BRUSH FDA GREEN D50	4072400301	1	○
	RECTANGULAR BRUSH FDA RED D40	4072400295	1	○
	RECTANGULAR BRUSH FDA RED D50	4072400300	1	○
	RECTANGULAR BRUSH FDA WHITE D40	4072400298	1	○
	RECTANGULAR BRUSH FDA YELLOW D40	4072400297	1	○
	RECTANGULAR BRUSH FDA YELLOW D50	4072400302	1	○
	ROUND ANTISTATIC BRUSH BLACK 38MM-70MM	4072400262	1	○
	ROUND ANTISTATIC BRUSH BLACK 50MM - 70MM	4072400263	1	○
	ROUND BRUSH RING BLACK 70MM ANTISTATIC	4072400270	1	○
	TRIANGULAR BRUSH FDA BLUE D40	4072400284	1	○
	TRIANGULAR BRUSH FDA BLUE D50	4072400289	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	TRIANGULAR BRUSH FDA GREEN D40	4072400286	1	○
	TRIANGULAR BRUSH FDA GREEN D50	4072400291	1	○
	TRIANGULAR BRUSH FDA RED D40	4072400285	1	○
	TRIANGULAR BRUSH FDA RED D50	4072400290	1	○
	TRIANGULAR BRUSH FDA WHITE D40	4072400288	1	○
	TRIANGULAR BRUSH FDA WHITE D50	4072400293	1	○
	TRIANGULAR BRUSH FDA YELLOW D40	4072400287	1	○
	TRIANGULAR BRUSH FDA YELLOW D50	4072400292	1	○
<b>Round Brush Nozzle</b>				
	ROUND BRUSH FDA BLUE D40	4072400274	1	○
	ROUND BRUSH FDA BLUE D50	4072400279	1	○
	ROUND BRUSH FDA GREEN D40	4072400276	1	○
	ROUND BRUSH FDA GREEN D50	4072400281	1	○

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Accessories		Ref. no.	Min. required	VHS110 Z22 V110 UKP
	ROUND BRUSH FDA RED D40	4072400275	1	○
	ROUND BRUSH FDA RED D50	4072400280	1	○
	ROUND BRUSH FDA WHITE D40	4072400278	1	○
	ROUND BRUSH FDA WHITE D50	4072400283	1	○
	ROUND BRUSH FDA YELLOW D40	4072400277	1	○
	ROUND BRUSH FDA YELLOW D50	4072400282	1	○