

Single phase explosion-proof industrial vacuum cleaner ATEX certified

Introducing the world first Third Party Certified Single Phase ATEX Z22 industrial vacuum !

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.



Picture shown may not represent model quoted

- 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
- One year commercial warranty

Specialised Hazardous Vacuum - only available to select dealers

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

- Standard equipment

Model	VHS110 Z22	VHS110 Z22 AU ABSOLUTE
Ref. no.	4012300002	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	•	•
M class AntiStatic filter		
Conductive wheels	•	•
Safe bag system		



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Ref. no.	4012300002	4012300004

PRODUCT FEATURES

Filter cleaning system	•	•
Fully in stainless steel		
Plastic Bag System		
Solid control		












Technical specifications	VHS110 Z22	VHS110 Z22 AU ABSOLUTE
Voltage (V)	230	230
Frequency (Hz)	50	50
IP protection class	64	64
Insulation class	F	F
Rated power (kW)	1.1	1.1
Airflow without hose (m ³ /h - l/m)	216 - 3600	216 - 3600
Max. vacuum (kPa - mbar)	22 - 220	22 - 220
Sound pressure level (dB(A))	73	73
Container capacity (L)	37	37
Main filter type	ANTISTATIC STAR FILTER L-CLASS	ANTISTATIC STAR FILTER L-CLASS
Main filter area (cm ²)	10000	10000
Upstream HEPA filter H14 (cm ²)	-	11000
Inlet (mm)	50	50
Length x width x height (mm)	560x570x1240	560x570x1240
Weight (kg)	42	43

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment













Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price	
Price			5.745,00	4.500,00		
Vacuum Hose and Connection						
	BENT FITTING D40/38 IN SS	Z7 22359	1	○	○	133,00
	TUBE STAINLESS 2X650MM	11112500	1	○	○	217,00















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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
 TUBE STRAIGHT 032 250MM	11882505	1	○	○	30,30
 WYE D50/40/40 INOX	Z7 22261	1	○	○	250,00
 WYE REG.50/50/50 INOX	Z7 22250	1	○	○	655,00
Hose Vacuum Cleaner					
 38-40MM ANTI STATIC CUFF	4072000343	1	○	○	48,10
 38MM ANTI STATIC CUFF	Z7 20324	1	○	○	46,00
 40MM POLY PIPE 3MT	Z7 22297	1	○	○	245,00
 50MM ANTI STATIC CUFF	Z7 20325	1	○	○	65,30
 ANT.POL BLACK HOSE D40	4072200477	1	○	○	1.380,00
 ANT.POL BLACK HOSE D40	Z7 22368	1	○	○	368,00
 ANT.POL BLACK HOSE D40	Z7 22371	1	○	○	536,00
 ANT.POL BLACK HOSE D50	4072200478	1	○	○	1.630,00












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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	ANT.POL BLACK HOSE D50	Z7 22369	1	○	○	385,00
	ANT.POL BLACK HOSE D50	Z7 22372	1	○	○	585,00
	ANT.POLYURETHANE HOSE	Z7 22351	1	○	○	1.040,00
	ANT.POLYURETHANE HOSE	Z7 22352	1	○	○	1.200,00
	ANTISTATIC HOSE FDA D40	4072400334	1	○	○	410,00
	ANTISTATIC HOSE FDA D40	4072400338	1	○	○	1.030,00
	ANTISTATIC HOSE FDA D40	4072400328	1	○	○	95,00
	ANTISTATIC HOSE FDA D50	4072400335	1	○	○	465,00
	ANTISTATIC HOSE FDA D50	4072400337	1	○	○	660,00
	ANTISTATIC HOSE FDA D50	4072400339	1	○	○	1.080,00
	CONDUCTIVE FLEX HOSE	4072200509	1	○	○	184,00
	CONDUCTIVE FLEX HOSE	4072200510	1	○	○	246,00












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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	EVAFLEX HOSE D50	4072200481	1	○	○	847,00
	EVAFLEX HOSE D50	Z7 22375	1	○	○	294,00
	EVAFLEX HOSE D50	Z7 22377	1	○	○	435,00
	FLEXIBLE HOSE D40 MT3	Z7 22378	1	○	○	465,00
	FLEXIBLE STEEL HOSE D50	Z7 22379	1	○	○	556,00
	FLEXIBLE STEEL HOSE D70 P	Z7 24033	1	○	○	87,00
	FLOWING PTFE SLEEVE D40	Z7 20327	1	○	○	152,00
	FLOWING PTFE SLEEVE D50	Z7 20326	1	○	○	219,00
	HANK CONDUCTIVE FLEX HOSE	4072400233	1	○	○	26,10
	HANK CONDUCTIVE FLEX HOSE	4072400234	1	○	○	49,50
	HIGH TEMPERATURE HOSE	4072400330	1	○	○	130,00
	HIGH TEMPERATURE HOSE	4072400331	1	○	○	178,00












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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	HOSE STEEL 100 MM	Z7 24034	1	○	○	148,00
	METAL TIE FOR HIGH	4082300068	1	○	○	18,00
	METAL TIE FOR HIGH	4082300071	1	○	○	19,00
	POL HOSE D40 L.15+SLEEVES	4072200474	1	○	○	50,90
	POL HOSE D40 MT5+SLEEVES	Z7 22365	1	○	○	424,00
	POL HOSE D50 L.15+SLEEVES	4072200475	1	○	○	55,20
	POL HOSE D50 MT5+SLEEVES	Z7 22366	1	○	○	380,00
	POLYURETHANE HOSE 3MT	Z7 22298	1	○	○	222,00
	SILICONE HOSE FDA WITH	4072100135	1	○	○	1.250,00
	SILICONE HOSE FDA WITH	4072100136	1	○	○	1.450,00
	SILICONE HOSE FDA WITH	4072100137	1	○	○	1.850,00
	SILICONE HOSE FDA WITH	4072100138	1	○	○	2.200,00
	SLEEVE D40ANTISTAT.RUBBER	40000212	1	○	○	42,80













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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	SLEEVE D50	40000219	1	○	○	34,70
	STEEL HOSE 50MM	Z7 24032	1	○	○	66,50
	TUBE D40 FLEX STEEL IN	Z7 24031	1	○	○	46,00
Extension Tube						
	2 MT EXTENSION TUBE 50MM	Z7 22268	1	○	○	415,00
	3MT EXTENSION TUBE 50 MM	Z7 22037	1	○	○	535,00
	ALUM.EXTENSION D40 MT1	Z7 22386	1	○	○	59,00
	ALUMINIUM EXTENSION D50	Z7 22385	1	○	○	62,20
	EXTENS. X FURNACES D40 MT	Z7 22036	1	○	○	365,00
	EXTENSION X FURNACES	Z7 22270	1	○	○	325,00
	EXTENSION X FURNACES D40	Z7 22267	1	○	○	410,00
	EXTENSION X FURNACES D50	Z7 22271	1	○	○	495,00

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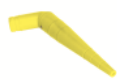










	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	FLAT LANCE D40 INOX	40000213	1	○	○	192,00
	FLAT LANCE D40 SS316L	4072100148	1	○	○	193,00
	FLAT LANCE D50 SS316L	4072100149	1	○	○	199,00
	HANDGRIP D40 AISI316L	4072200596	1	○	○	460,00
	HANDGRIP D40 INOX	40000215	1	○	○	415,00
	HANDGRIP D50 AISI316L	4072200597	1	○	○	460,00
	HANDGRIP D50 INOX	40000222	1	○	○	435,00
Cone Nozzle						
	CONE TUBE D40 ANTISTATIC	40000214	1	○	○	69,00
	CONIC TUBE D50 ANTISTATIC	40000221	1	○	○	41,50
	SILICONE CONE FDA	4072100109	1	○	○	65,00
	SILICONE CONE FDA	4072100115	1	○	○	73,10

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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	SILICONE CONE FDA BLUE	4072100106	1	○	○	67,90
	SILICONE CONE FDA BLUE	4072100112	1	○	○	73,10
	SILICONE CONE FDA D40	4072100105	1	○	○	65,00
	SILICONE CONE FDA D50	4072100111	1	○	○	70,00
	SILICONE CONE FDA GREEN	4072100108	1	○	○	67,90
	SILICONE CONE FDA GREEN	4072100114	1	○	○	73,10
	SILICONE CONE FDA RED D40	4072100107	1	○	○	67,90
	SILICONE CONE FDA RED D50	4072100113	1	○	○	73,10
	SILICONE CONE FDA WHITE	4072100110	1	○	○	67,90
	SILICONE CONE FDA WHITE	4072100116	1	○	○	73,10
	SILICONE CONICAL TOOL	4072100129	1	○	○	185,00
	SILICONE CONICAL TOOL	4072100132	1	○	○	193,00















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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	SILICONE CONICAL TOOL	4072100133	1	○	○	193,00
	SILICONE CONICAL TOOL	4072100130	1	○	○	193,00
	SILICONE CONICAL TOOL	4072100131	1	○	○	193,00
	SILICONE CONICAL TOOL	4072100134	1	○	○	193,00
Nozzle						
	LIQ.SUCKER D50 MM400 INOX	Z7 22294	1	○	○	230,00
	MOB. SS NOZZLE+SILICONE	4072400318	1	○	○	690,00
	MOB. SS NOZZLE+SILICONE	4072400324	1	○	○	725,00
	MOBILE SS	4072400314	1	○	○	690,00
	MOBILE SS	4072400315	1	○	○	690,00
	MOBILE SS	4072400316	1	○	○	720,00
	MOBILE SS	4072400317	1	○	○	690,00

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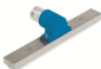
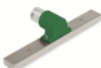





	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	MOBILE SS	4072400319	1	○	○	690,00
	MOBILE SS	4072400320	1	○	○	690,00
	MOBILE SS	4072400321	1	○	○	725,00
	MOBILE SS	4072400322	1	○	○	755,00
	MOBILE SS	4072400323	1	○	○	725,00
	MOBILE SS	4072400325	1	○	○	725,00
	MOBILE SS NOZZLE FDA	4072400326	1	○	○	350,00
	MOBILE SS NOZZLE FDA	4072400327	1	○	○	365,00
	MOBILE SUCKER D40 MM400	40000216	1	○	○	625,00
	MOBILE SUCKER D50 MM400	40000223	1	○	○	415,00
	MOBILE SUCKER RUBBER 500	Z8 20255	1	○	○	23,50
	RUBBER NOZZLE 50 SERRATED	80640501	1	○	○	64,30

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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	SILICONE NOZZLE FDA	4072100117	1	○	○	90,00
	SILICONE NOZZLE FDA	4072100118	1	○	○	94,00
	SILICONE NOZZLE FDA	4072100119	1	○	○	94,00
	SILICONE NOZZLE FDA	4072100121	1	○	○	90,00
	SILICONE NOZZLE FDA	4072100120	1	○	○	94,00
	SILICONE NOZZLE FDA	4072100122	1	○	○	94,00
	SILICONE NOZZLE FDA	4072100123	1	○	○	77,00
	SILICONE NOZZLE FDA	4072100124	1	○	○	80,50
	SILICONE NOZZLE FDA	4072100125	1	○	○	80,50
	SILICONE NOZZLE FDA	4072100126	1	○	○	80,50
	SILICONE NOZZLE FDA	4072100127	1	○	○	77,00
	SILICONE NOZZLE FDA	4072100128	1	○	○	77,00














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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	SS NOZZLE+COVER FDA	4072400304	1	○	○	300,00
	SS NOZZLE+COVER FDA	4072400306	1	○	○	300,00
	SS NOZZLE+COVER FDA	4072400307	1	○	○	300,00
	SS NOZZLE+COVER FDA	4072400308	1	○	○	300,00
	SS NOZZLE+COVER FDA	4072400309	1	○	○	300,00
	SS NOZZLE+COVER FDA	4072400311	1	○	○	313,00
	SS NOZZLE+COVER FDA	4072400312	1	○	○	313,00
	SS NOZZLE+COVER FDA	4072400313	1	○	○	300,00
	SS NOZZLE+COVER FDA RED	4072400305	1	○	○	300,00
	SS NOZZLE+COVER FDA RED	4072400310	1	○	○	313,00
Crevice Nozzle						
	FLAT LANCE D50 INOX	40000220	1	○	○	199,00











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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
 SCRAPING NOZZLE D40 S.S.	Z7 22277	1	○	○	330,00
 SCRAPING NOZZLE D50 S.S.	Z7 22278	1	○	○	332,00
 SUCKER MM 120 ANITSTAT	Z7 21080	1	○	○	65,80
Crevice nozzle (IVT)					
 NOZZLE CREVICE 032 250MM	80552000	1	○	○	71,60
Hose and Connection					
 BENT CONNECTION D40	4072100145	1	○	○	200,00
 BENT CONNECTION D40 INOX	Z7 21033	1	○	○	192,00
 BENT CONNECTION D50	4072100146	1	○	○	170,00
 CONNECTION JOINT D40	4072100140	1	○	○	43,90
 CONNECTION JOINT D40 INOX	Z7 22240	1	○	○	40,20
 CONNECTION JOINT D50	4072100141	1	○	○	45,00
 CONNECTION JOINT D50 INOX	Z7 22241	1	○	○	41,80












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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	CONNECTION TUBE D50	4072100139	1	○	○	45,00
	CONNECTION TUBE D50 INOX	Z7 22230	1	○	○	42,80
	CONNECTION TUBE REG.	Z7 22221	1	○	○	211,00
	REDUCER D50/32 INOX	Z7 22346	1	○	○	91,40
	REDUCER D50/40 INOX	4072100142	1	○	○	125,50
	REDUCER D70/40 INOX	4072100143	1	○	○	219,00
	REDUCER D70/50 INOX	4072100144	1	○	○	125,50
	REG. REDUCER D50/40 INOX	Z7 22234	1	○	○	220,86
	SLEEVE FOR ANTISTATIC	4072000358	1	○	○	60,00
	SLEEVE FOR ANTISTATIC	4072000359	1	○	○	83,60
	STAINLESS S. REDUCER D50/4	Z7 22223	1	○	○	101,50
	STAINLESS STEEL BENT	Z7 21034	1	○	○	162,00
	WYE D50/50/50 INOX	Z7 22146	1	○	○	272,00












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	Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	WYE D50/50/50 INOX SS316L	4072100147	1	○	○	280,00
Accessory Kit						
	15ATEX ACCESSORIES KIT	Z7 24175	1	○	○	286,00
	HIGH TEMPERATURE	4072200616	1	○	○	1.220,00
	HIGH TEMPERATURE	4072200617	1	○	○	1.300,00
	KIT FOR OVEN CLEANING D40	Z7 24193	1	○	○	895,00
	KIT FOR OVEN CLEANING D50	Z7 24192	1	○	○	1.120,00
	SET OF ACC ATEX D40	Z7 24185	1	○	○	1.710,00
	SET OF ACC D50	Z7 24182	1	○	○	1.710,00
Round Brush Nozzle						
	ROUND ANTISTATIC BRUSH	4072400263	1	○	○	64,30
	ROUND ANTISTATIC BRUSH	4072400262	1	○	○	112,00
	ROUND BRUSH FDA BLUE D38	4072400274	1	○	○	125,50
	ROUND BRUSH FDA BLUE D50	4072400279	1	○	○	125,50










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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
 ROUND BRUSH FDA GREEN D38	4072400276	1	○	○	125,50
 ROUND BRUSH FDA GREEN D50	4072400281	1	○	○	120,00
 ROUND BRUSH FDA RED D38	4072400275	1	○	○	125,50
 ROUND BRUSH FDA RED D50	4072400280	1	○	○	125,50
 ROUND BRUSH FDA WHITE D38	4072400278	1	○	○	125,50
 ROUND BRUSH FDA WHITE D50	4072400283	1	○	○	120,00
 ROUND BRUSH FDA YELLOW	4072400277	1	○	○	125,50
 ROUND BRUSH FDA YELLOW	4072400282	1	○	○	120,00
Brush					
 RECTANGULAR BRUSH FDA	4072400294	1	○	○	167,00
 RECTANGULAR BRUSH FDA	4072400295	1	○	○	167,00
 RECTANGULAR BRUSH FDA	4072400296	1	○	○	160,00

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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
 RECTANGULAR BRUSH FDA	4072400297	1	○	○	167,00
 RECTANGULAR BRUSH FDA	4072400298	1	○	○	167,00
 RECTANGULAR BRUSH FDA	4072400299	1	○	○	167,00
 RECTANGULAR BRUSH FDA	4072400300	1	○	○	167,00
 RECTANGULAR BRUSH FDA	4072400301	1	○	○	167,00
 RECTANGULAR BRUSH FDA	4072400302	1	○	○	167,00
ROUND BRUSH RING BLACK	4072400270	1	○	○	77,00
 TRIANGULAR BRUSH FDA	4072400284	1	○	○	160,00
 TRIANGULAR BRUSH FDA	4072400285	1	○	○	167,00
 TRIANGULAR BRUSH FDA	4072400286	1	○	○	160,00
 TRIANGULAR BRUSH FDA	4072400287	1	○	○	160,00
 TRIANGULAR BRUSH FDA	4072400288	1	○	○	167,00

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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 AU ABSOLUTE	Price
	TRIANGULAR BRUSH FDA	4072400289	1	○	○	160,00
	TRIANGULAR BRUSH FDA	4072400290	1	○	○	160,00
	TRIANGULAR BRUSH FDA	4072400291	1	○	○	160,00
	TRIANGULAR BRUSH FDA	4072400292	1	○	○	160,00
	TRIANGULAR BRUSH FDA	4072400293	1	○	○	160,00
Vac Nozzle Dry						
	ALUMINIUM NOZZLE 40MM	Z7 22031	1	○	○	208,00
	ALUMINIUM NOZZLE 50MM	Z7 22032	1	○	○	185,00
	SUCKER x FURNACES D40	Z7 22272	1	○	○	189,00
	SUCKER x FURNACES D50 MM4	Z7 22273	1	○	○	189,00