

## 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. [DOWNLOAD THE CATALOGUE](#), to choose the right accessory for the food and pharma industry.

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



Picture shown may not represent model quoted

● Standard equipment

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

### PRODUCT FEATURES






Antikoro rám		●	
Model pre u.k.			
Antikoro filtračná komora		●	
Antikoro nádoba	●	●	●
Manometer	●	●	●
Hepa filer pred sacím motorom			●
Uzemnenie	●	●	●
Trieda atex	●	●	●
Antistat. filter trieda I	●	●	●
Vodivé kolesá	●	●	●
Systém čistenia/oklepu filtra	●	●	●
Komplet v antikoro prevedení		●	















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Technical specifications	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
Napätie (V)	230	230	230
Frekvencia (Hz)	50	50	50
Ip trieda ochrany	65	65	65
Trieda izolácie	F	F	F
Príkonnosť motora (kW)	1.1	1.1	1.1
Prietok vzduchu bez hadice (m <sup>3</sup> /h – l/min)	216 - 3600	216 - 3600	216 - 3600
Max. vacuum (kPa - mbar)	22 - 220	22 - 220	22 - 220
Úroveň hlučnosti (dB A)	73	73	73
Objem nádoby (l)	37	37	37
Typ hlavného filtra	ANTISTATIC STAR FILTER L-CLASS	ANTISTATIC STAR FILTER L-CLASS	ANTISTATIC STAR FILTER L-CLASS
Plocha hlavného filtra (cm <sup>2</sup> )	10000	10000	10000
Vstupný HEPA filter H14 (cm <sup>2</sup> )	-	-	11000
Priemer hrdla (mm)	50	50	50
Dĺžka x šírka x výška (mm)	560x570x1240	560x570x1240	560x570x1240
Hmotnosť (kg)	42	42	43













● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
<b>Sacie hadice a spojky</b>					
	Teleskopická trubica	11112500	1	○	○
	Trubica D32x250mm antikoro	11882505	1	○	○
	Zahnutá spojka D40/38 IN antikoro	Z7 22359	1	○	○
<b>Hadice k vysávačom</b>					
	50mm antistat. objímka	Z7 20325	1	○	○
	Ant. PU čierna hadica D40 3m + koncovky	Z7 22368	1	○	○











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 Ant. PU čierna hadica D40 5m + koncovky	Z7 22371	1	○	○	○
 Ant. PU čierna hadica D40 15m + koncovky	4072200477	1	○	○	○
 Ant. PU čierna hadica D50 15m + koncovky	4072200478	1	○	○	○
 ANT.POL BLACK HOSE D50 MT3+SLEEVES	Z7 22369	1	○	○	○
 ANT.POL BLACK HOSE D50 MT5+SLEEVES	Z7 22372	1	○	○	○
 FLEXIBLE STEEL HOSE D50 MT3+	Z7 22379	1	○	○	○
 Hadica D50 PU 3m koncovky	Z7 22298	1	○	○	○
 Hadica D100 flex. oceľ m	Z7 24034	1	○	○	○
 HANK vodivá hadica D38 30m	4072400233	1	○	○	○
 HANK vodivá hadica D50 30m	4072400234	1	○	○	○
 Ohybná hadica D40 3m redukcia a spojka	Z7 22378	1	○	○	○
 PU hadica D40 5m + koncovky	Z7 22365	1	○	○	○










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	PU hadica D40 15m + koncovky	4072200474	1	○	○	○
	PU hadica D50 5m + koncovky	Z7 22366	1	○	○	○
	PU hadica D50 15m + koncovky	4072200475	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 D40 POLYURETHAN MT3+SLEEV	Z7 22297	1	○	○	○
	TUBE D50 FLEX. STEEL IN METERS	Z7 24032	1	○	○	○
	TUBE D70 FLEX. STEEL IN METERS	Z7 24033	1	○	○	○
	Vodivá hadica D38 3m + koncovky D38/40	4072200509	1	○	○	○
	Vodivá hadica D38 5m + koncovky D38/40	4072200510	1	○	○	○
	Vodivá hadica D50 15m + koncovky	4072200481	1	○	○	○
<b>Trubice</b>						












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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	Alu Predženie D40 1m vstup PIN M/F	Z7 22386	1	○	○	○
	Alu Predženie D50 1m vstup 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 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	○	○	○
	EXTENSION X FURNACES D50 MT2 A COMPLETE	Z7 22268	1	○	○	○
	FLAT LANCE D40 INOX	40000213	1	○	○	○
	HANDGRIP D50 INOX COMPLETE	40000222	1	○	○	○
<b>Kuželové hubice</b>						
	CONIC TUBE D40 ANTISTATIC COMPONENT ATEX	40000214	1	○	○	○
	CONIC TUBE D50 ANTISTATIC COMPONENT ATEX	40000221	1	○	○	○




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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
<b>Hubice</b>						
	Hubica kvapaliny D40 400mm antikoro	Z7 22296	1	○	○	○
	Hubica kvapaliny D50 400mm antikoro	Z7 22294	1	○	○	○
	MOBILE SUCKER D40 MM400 INOX COMPLETE	40000216	1	○	○	○
	RUBBER NOZZLE 200/Ø50 MM	80640501	1	○	○	○
<b>Štrbinové hubice (IVT)</b>						
	Hubica štrbinová D32 250mm antikoro	80552000	1	○	○	○
<b>Hadice a spojky</b>						
	BENT CONNECTION D40 INOX	Z7 21033	1	○	○	○
	Reduktor D50/32 antikoro	Z7 22346	1	○	○	○
	Reduktor s reguláciou D50/40 antikoro	Z7 22234	1	○	○	○
	Spojka kĺbová D50 antikoro	Z7 22241	1	○	○	○
	Trubica D50 antikoro	Z7 22221	1	○	○	○
	Trubica D50 antikoro	Z7 22230	1	○	○	○

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Accessories		Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
	Zahnutá spojka D50 antikoro	Z7 21034	1	○	○	○
<b>Štrbinové hubice</b>						
	Oškrabávacía hubica D40 antikoro	Z7 22277	1	○	○	○
	Oškrabávacía hubica D50 antikoro	Z7 22278	1	○	○	○
	SUCKER MM120ANTISTAT.RUBBER COMPONENT	Z7 21080	1	○	○	○
<b>Sady príslušenstva</b>						
	KIT FOR OVEN CLEANING D50	Z7 24192	1	○	○	○
	Sada pre čistenie pecí D40	Z7 24193	1	○	○	○
	Sada prísl. 15 ATEX	Z7 24175	1	○	○	○
	Sada prísluš. ATEX D50 podlaha	Z7 24183	1	○	○	○
	Sada prísluš. ATEX D50 stroje	Z7 24184	1	○	○	○
	Sada prísluš. D50 podlahová ATEX stroje-podlaha	Z7 24182	1	○	○	○
<b>Hubice pre suché vysávanie</b>						
	hubica D40 400mm alu	Z7 22031	1	○	○	○

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Accessories	Ref. no.	Min. required	VHS110 Z22	VHS110 Z22 XXX	VHS110 Z22 AU
 hubica D50 400mm alu	Z7 22032	1	○	○	○
 Hubica pece D40 400mm FE	Z7 22272	1	○	○	○
 Hubica pece D50 400mm FE	Z7 22273	1	○	○	○