

### Singlephase explosionproof industrial vacuum cleaner ATEX certified






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

- 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

● Standard equipment







Included accessories	Ref. no.	Min. required	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
<b>Hose Vacuum Cleaner</b>					
 ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0			
 CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0			
<b>Nozzle</b>					
MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0			
 SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0			
<b>Cone Nozzle</b>					
SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0			
 SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0			
<b>Extension Tube</b>					
 FLAT LANCE D50 ATEX II2GD	4072100163	0			



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Included accessories	Ref. no.	Min. required	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
 HANDGRIP D40 ATEX II2GD	4072000385	0			

- Standard equipment



Included accessories	Ref. no.	Min. required	VHS110 Z22 EXA V110 UKP	VHS110 Z22 EXA AU FM PBS	VHS110 Z22 EXA AU SBS
<b>Hose Vacuum Cleaner</b>					
 ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0			
 CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0			
<b>Nozzle</b>					
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0		
 SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0			
<b>Cone Nozzle</b>					
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0		
 SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0			
<b>Extension Tube</b>					
 FLAT LANCE D50 ATEX II2GD	4072100163	0			
 HANDGRIP D40 ATEX II2GD	4072000385	0			

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● Standard equipment







Included accessories	Ref. no.	Min. required	VHS110 Z22 EXA AU V110 UKP	VHS110 Z22 EXA 3X AU	VHS110 Z22 EXA AU SBS V110 UKP
<b>Hose Vacuum Cleaner</b>					
 ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0			
 CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0			
<b>Nozzle</b>					
MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0			
 SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0			
<b>Cone Nozzle</b>					
SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0			
 SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0			
<b>Extension Tube</b>					
 FLAT LANCE D50 ATEX II2GD	4072100163	0			
 HANDGRIP D40 ATEX II2GD	4072000385	0			

● Standard equipment







Included accessories	Ref. no.	Min. required	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
<b>Hose Vacuum Cleaner</b>					
 ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0			
 CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0			
<b>Nozzle</b>					



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Included accessories		Ref. no.	Min. required	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0			
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0			
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0			
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0			
<b>Extension Tube</b>						
	FLAT LANCE D50 ATEX II2GD	4072100163	0			
	HANDGRIP D40 ATEX II2GD	4072000385	0			

● Standard equipment







Included accessories		Ref. no.	Min. required	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
<b>Hose Vacuum Cleaner</b>						
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0			
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0			
<b>Nozzle</b>						
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0			
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0			
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0			
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0			



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Included accessories	Ref. no.	Min. required	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
<b>Extension Tube</b>					
	FLAT LANCE D50 ATEX II2GD	4072100163	0		
	HANDGRIP D40 ATEX II2GD	4072000385	0		







## ● Standard equipment

Included accessories	Ref. no.	Min. required	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
<b>Hose Vacuum Cleaner</b>					
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0		
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0		
<b>Nozzle</b>					
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0		
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0		
<b>Cone Nozzle</b>					
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0		
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0		
<b>Extension Tube</b>					
	FLAT LANCE D50 ATEX II2GD	4072100163	0		
	HANDGRIP D40 ATEX II2GD	4072000385	0		





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● Standard equipment


Included accessories	Ref. no.	Min. required	VHS110CB Z22 EXA AU FM	VHS110CB Z22 EXA FM PBS	VHS110CB Z22 EXA AU FM V110 UKP
<b>Hose Vacuum Cleaner</b>					
 ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0		●	
 CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	●		●
<b>Nozzle</b>					
MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0		●	
 SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	●		●
<b>Cone Nozzle</b>					
SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0		●	●
 SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	●		●
<b>Extension Tube</b>					
 FLAT LANCE D50 ATEX II2GD	4072100163	0	●		●
 HANDGRIP D40 ATEX II2GD	4072000385	0		●	

● Standard equipment

Included accessories	Ref. no.	Min. required	VHS110CB Z22 EXA FM PBS V110 UKP
<b>Hose Vacuum Cleaner</b>			
 ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0	●
 CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	
<b>Nozzle</b>			



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Included accessories		Ref. no.	Min. required	VHS110CB Z22 EXA FM PBS V110 UKP
	MOBILE NOZZLE D40 MM400 I12GD COMPLETE	4072000387	0	•
	SIL NOZZLE FDA 120MM D40 I12D COMPL	4072400522	0	
<b>Cone Nozzle</b>				
	SILICONE CONE D40 TRANSP I12D COMPLETE	4072400507	0	
	SILICONE CONICAL TOOL FDA D40 I12D COMPL	4072400534	0	
<b>Extension Tube</b>				
	FLAT LANCE D50 ATEX I12GD	4072100163	0	
	HANDGRIP D40 ATEX I12GD	4072000385	0	•

Model	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
Ref. no.	4012300054	4012300055	4012300056

PRODUCT FEATURES

Stainless steel frame		•	
Uk model			
Stainless steel filter chamber		•	
Stainless steel dust container	•	•	•
Vacuum meter	•	•	•
HEPA (H14) upstream filtration			•
Earth connection	•	•	•
ATEX category	•	•	•
Active carbon filter			
L class AntiStatic filter	•	•	•
M class AntiStatic filter			
Conductive wheels	•	•	•
Safe bag system			
Filter cleaning system	•	•	•
Fully in stainless steel		•	



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Model	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
Ref. no.	4012300054	4012300055	4012300056

## PRODUCT FEATURES

Plastic bag system  
Solid control  
Longopac® system  
Immersion Separator  
Antistatic PTFE Filter

Model	VHS110 Z22 EXA V110 UKP	VHS110 Z22 EXA AU FM PBS	VHS110 Z22 EXA AU SBS
Ref. no.	4012300057	4012300058	4012300059

## PRODUCT FEATURES

Stainless steel frame			
Uk model	•		
Stainless steel filter chamber			
Stainless steel dust container	•	•	•
Vacuum meter	•	•	•
HEPA (H14) upstream filtration		•	•
Earth connection	•	•	•
ATEX category	•	•	•
Active carbon filter			
L class AntiStatic filter	•		•
M class AntiStatic filter		•	
Conductive wheels	•	•	•
Safe bag system			•
Filter cleaning system	•	•	•
Fully in stainless steel			
Plastic bag system		•	
Solid control			
Longopac® system			
Immersion Separator			
Antistatic PTFE Filter			





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Model	VHS110 Z22 EXA AU V110 UKP	VHS110 Z22 EXA 3X AU	VHS110 Z22 EXA AU SBS V110 UKP
Ref. no.	4012300060	4012300061	4012300062

## PRODUCT FEATURES

Stainless steel frame		•	
Uk model	•		•
Stainless steel filter chamber		•	
Stainless steel dust container	•	•	•
Vacuum meter	•	•	•
HEPA (H14) upstream filtration	•	•	•
Earth connection	•	•	•
ATEX category	•	•	•
Active carbon filter			
L class AntiStatic filter	•	•	•
M class AntiStatic filter			
Conductive wheels	•	•	•
Safe bag system			•
Filter cleaning system	•	•	•
Fully in stainless steel			
Plastic bag system			
Solid control			
Longopac® system			
Immersion Separator			
Antistatic PTFE Filter			

Model	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
Ref. no.	4012300063	4012300064	4012300066

## PRODUCT FEATURES

Stainless steel frame	•		•
Uk model		•	
Stainless steel filter chamber	•		•
Stainless steel dust container	•	•	•
Vacuum meter	•	•	•
HEPA (H14) upstream filtration	•	•	•
Earth connection	•	•	•
ATEX category	•	•	•
Active carbon filter			



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Model	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
Ref. no.	4012300063	4012300064	4012300066

## PRODUCT FEATURES

L class AntiStatic filter	•	•	•
M class AntiStatic filter			
Conductive wheels	•	•	•
Safe bag system		•	•
Filter cleaning system	•	•	•
Fully in stainless steel		•	•
Plastic bag system	•		
Solid control			
Longopac® system			
Immersion Separator			
Antistatic PTFE Filter			

Model	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
Ref. no.	4012300067	4012300109	4012300116

## PRODUCT FEATURES

Stainless steel frame			
Uk model		•	
Stainless steel filter chamber			
Stainless steel dust container	•	•	•
Vacuum meter	•	•	•
HEPA (H14) upstream filtration		•	•
Earth connection	•	•	•
ATEX category	•	•	•
Active carbon filter			
L class AntiStatic filter	•	•	
M class AntiStatic filter			•
Conductive wheels	•	•	•
Safe bag system			
Filter cleaning system	•	•	•
Fully in stainless steel			
Plastic bag system	•	•	
Solid control			
Longopac® system			



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Model	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
Ref. no.	4012300067	4012300109	4012300116

PRODUCT FEATURES

Immersion Separator  
Antistatic PTFE Filter

Model	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
Ref. no.	4012300151	4012300152	4012300168

PRODUCT FEATURES

Stainless steel frame			
Uk model			
Stainless steel filter chamber			
Stainless steel dust container	•	•	
Vacuum meter	•	•	•
HEPA (H14) upstream filtration	•		•
Earth connection	•	•	•
ATEX category	•	•	•
Active carbon filter		•	
L class AntiStatic filter	•	•	
M class AntiStatic filter			•
Conductive wheels	•	•	•
Safe bag system			
Filter cleaning system	•	•	•
Fully in stainless steel			
Plastic bag system			
Solid control			
Longopac® system			•
Immersion Separator	•	•	
Antistatic PTFE Filter	•	•	

Model	VHS110CB Z22 EXA AU FM	VHS110CB Z22 EXA FM PBS	VHS110CB Z22 EXA AU FM V110 UKP
Ref. no.	4012300187	4012300189	4012300198

PRODUCT FEATURES

Stainless steel frame  
Uk model  
Stainless steel filter chamber



## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Model	VHS110CB Z22 EXA AU FM	VHS110CB Z22 EXA FM PBS	VHS110CB Z22 EXA AU FM V110 UKP
Ref. no.	4012300187	4012300189	4012300198

## PRODUCT FEATURES

Stainless steel dust container	•	•	•
Vacuum meter	•	•	•
HEPA (H14) upstream filtration	•		•
Earth connection	•	•	•
ATEX category	•	•	•
Active carbon filter			
L class AntiStatic filter			
M class AntiStatic filter	•	•	•
Conductive wheels	•	•	•
Safe bag system			
Filter cleaning system	•	•	•
Fully in stainless steel			
Plastic bag system		•	
Solid control			
Longopac® system			
Immersion Separator			
Antistatic PTFE Filter			

Model	VHS110CB Z22 EXA FM PBS V110 UKP
Ref. no.	4012300200

## PRODUCT FEATURES

Stainless steel frame	
Uk model	•
Stainless steel filter chamber	
Stainless steel dust container	•
Vacuum meter	•
HEPA (H14) upstream filtration	
Earth connection	•
ATEX category	•
Active carbon filter	
L class AntiStatic filter	
M class AntiStatic filter	•
Conductive wheels	•



## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Model	VHS110CB Z22 EXA FM PBS V110 UKP
Ref. no.	4012300200

## PRODUCT FEATURES

Safe bag system

Filter cleaning system

Fully in stainless steel

Plastic bag system

Solid control

Longopac® system

Immersion Separator

Antistatic PTFE Filter

Technical specifications	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
Voltage (V)	230	230	230
Frequency (Hz)	50/60	50/60	50/60
IP protection class	64	64	64
Insulation class	I	I	I
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
Sound pressure level (dB(A))	76	76	76
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 H14 filter (if present) (cm <sup>2</sup> )	-	-	11000
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	42	42	43

Technical specifications	VHS110 Z22 EXA V110 UKP	VHS110 Z22 EXA AU FM PBS	VHS110 Z22 EXA AU SBS
Voltage (V)	110	230	230
Frequency (Hz)	50/60	50/60	50/60
IP protection class	64	64	64
Insulation class	I	I	I
Rated power (kW)	1	1.1	1.1
Airflow without hose (m <sup>3</sup> /h - l/m)	208 - 3407	216 - 3600	216 - 3600
Max. vacuum (kPa - mbar)	20.5 - 205	22 - 220	22 - 220



## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Technical specifications	VHS110 Z22 EXA V110 UKP	VHS110 Z22 EXA AU FM PBS	VHS110 Z22 EXA AU SBS
Sound pressure level (dB(A))	76	76	76
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 H14 filter (if present) (cm <sup>2</sup> )	-	11000	11000
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	42	43	43

Technical specifications	VHS110 Z22 EXA AU V110 UKP	VHS110 Z22 EXA 3X AU	VHS110 Z22 EXA AU SBS V110 UKP
Voltage (V)	110	230	110
Frequency (Hz)	50/60	50/60	50/60
IP protection class	64	64	64
Insulation class	I	I	I
Rated power (kW)	1	1.1	1
Airflow without hose (m <sup>3</sup> /h - l/m)	208 - 3407	216 - 3600	208 - 3407
Max. vacuum (kPa - mbar)	20.5 - 205	22 - 220	20.5 - 205
Sound pressure level (dB(A))	76	76	76
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 H14 filter (if present) (cm <sup>2</sup> )	11000	11000	11000
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	42	43	42

Technical specifications	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
Voltage (V)	230	110	230
Frequency (Hz)	50/60	50/60	50/60
IP protection class	64	64	64
Insulation class	I	I	I
Rated power (kW)	1.1	1	1.1
Airflow without hose (m <sup>3</sup> /h - l/m)	216 - 3600	208 - 3407	216 - 3600
Max. vacuum (kPa - mbar)	22 - 220	20.5 - 205	22 - 220
Sound pressure level (dB(A))	76	76	76
Container capacity (l)	37	37	37



## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Technical specifications	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
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 H14 filter (if present) (cm <sup>2</sup> )	11000	11000	-
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	43	42	42

Technical specifications	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
Voltage (V)	230	110	230
Frequency (Hz)	50/60	50/60	50/60
IP protection class	64	64	64
Insulation class	I	I	I
Rated power (kW)	1.1	1	1.1
Airflow without hose (m <sup>3</sup> /h - l/m)	216 - 3600	208 - 3407	216 - 3600
Max. vacuum (kPa - mbar)	22 - 220	20.5 - 205	22 - 220
Sound pressure level (dB(A))	76	76	76
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 H14 filter (if present) (cm <sup>2</sup> )	-	11000	11000
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	42	42	43

Technical specifications	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
Voltage (V)	230	230	230
Frequency (Hz)	50/60	50/60	50/60
IP protection class	64	64	64
Insulation class	I	I	I
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
Sound pressure level (dB(A))	76	76	76
Container capacity (l)	37	37	Longopac
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



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Technical specifications	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
Upstream HEPA H14 filter (if present) (cm <sup>2</sup> )	-	-	11000
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	42	42	43

Technical specifications	VHS110CB Z22 EXA AU FM	VHS110CB Z22 EXA FM PBS	VHS110CB Z22 EXA AU FM V110 UKP
Voltage (V)	230	230	110
Frequency (Hz)	50/60	50/60	50/60
IP protection class	64	64	64
Insulation class	I	I	I
Rated power (kW)	1.1	1.1	1
Airflow without hose (m <sup>3</sup> /h - l/m)	216 - 3600	216 - 3600	208 - 3407
Max. vacuum (kPa - mbar)	22 - 220	22 - 220	20.5 - 205
Sound pressure level (dB(A))	76	76	76
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 H14 filter (if present) (cm <sup>2</sup> )	11000	-	-
Inlet (mm)	50	50	50
Length x width x height (mm)	560x570x1240	560x570x1240	560x570x1240
Weight (kg)	43	43	42

Technical specifications	VHS110CB Z22 EXA FM PBS V110 UKP
Voltage (V)	110
Frequency (Hz)	50/60
IP protection class	64
Insulation class	I
Rated power (kW)	1
Airflow without hose (m <sup>3</sup> /h - l/m)	208 - 3407
Max. vacuum (kPa - mbar)	20.5 - 205
Sound pressure level (dB(A))	76
Container capacity (l)	37
Main filter type	ANTISTATIC STAR FILTER L-CLASS
Main filter area (cm <sup>2</sup> )	10000
Upstream HEPA H14 filter (if present) (cm <sup>2</sup> )	-
Inlet (mm)	50














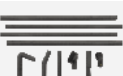
Singlephase explosionproof industrial vacuum cleaner ATEX certified

Technical specifications

VHS110CB Z22  
EXA FM PBS V110  
UKP










Length x width x height (mm)	560x570x1240
Weight (kg)	42

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment




Accessories	Ref. no.	Min. required	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
<b>Accessory Kit</b>					
 15ATEX ACCESSORIES KIT	Z7 24175	1	○	○	○
 ANTIST. ACCESS. KIT D40 II2GD MACHINE	4072200670	1	○	○	○
 ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1	○	○	○
 ANTIST. ACCESSORIES KIT D40 II2GD COMPL	4072200666	1	○	○	○
 ANTIST. ACCESSORIES KIT D40 II2GD FLOOR	4072200668	1	○	○	○
 ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1	○	○	○
 ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1	○	○	○
 ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1	○	○	○
 ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1	○	○	○
 CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	1	○	○	○









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	Accessories	Ref. no.	Min. required	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
	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>Extension Tube</b>						
	FLAT LANCE D50 ATEX II2GD	4072100163	0	○	○	○
	HANDGRIP D40 ATEX II2GD	4072000385	0	○	○	○
<b>Hose and Connection</b>						
	REDUCTION D50/40 ATEX II2GD	4072100153	1	○	○	○
<b>Hose Vacuum Cleaner</b>						
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0	○	○	○

## Singlephase explosionproof industrial vacuum cleaner ATEX certified



Accessories		Ref. no.	Min. required	VHS110 Z22 EXA	VHS110 Z22 EXA 3X	VHS110 Z22 EXA AU
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	○	○	○
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0	○	○	○
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	○	○	○
<b>Nozzle</b>						
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0	○	○	○
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	○	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment


Accessories		Ref. no.	Min. required	VHS110 Z22 EXA V110 UKP	VHS110 Z22 EXA AU FM PBS	VHS110 Z22 EXA AU SBS
<b>Accessory Kit</b>						
	15ATEX ACCESSORIES KIT	Z7 24175	1	○	○	○
	ANTIST. ACCESS. KIT D40 II2GD MACHINE	4072200670	1	○	○	○
	ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD COMPL	4072200666	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD FLOOR	4072200668	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1	○	○	○




## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Accessories	Ref. no.	Min. required	VHS110 Z22 EXA V110 UKP	VHS110 Z22 EXA AU FM PBS	VHS110 Z22 EXA AU SBS
 ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1	○	○	○
 ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1	○	○	○
 ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1	○	○	○
 CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	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>Extension Tube</b>					

Singlephase explosionproof industrial vacuum cleaner ATEX certified

Accessories		Ref. no.	Min. required	VHS110 Z22 EXA V110 UKP	VHS110 Z22 EXA AU FM PBS	VHS110 Z22 EXA AU SBS
	FLAT LANCE D50 ATEX II2GD	4072100163	0	○	○	○
	HANDGRIP D40 ATEX II2GD	4072000385	0	○	○	○
<b>Hose and Connection</b>						
	REDUCTION D50/40 ATEX II2GD	4072100153	1	○	○	○
<b>Hose Vacuum Cleaner</b>						
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0	○	○	○
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	○	○	○
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0	○	○	○
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	○	○	○
<b>Nozzle</b>						
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0	○	○	○
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	○	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment











Accessories		Ref. no.	Min. required	VHS110 Z22 EXA AU V110 UKP	VHS110 Z22 EXA 3X AU	VHS110 Z22 EXA AU SBS V110 UKP
<b>Accessory Kit</b>						
	15ATEX ACCESSORIES KIT	Z7 24175	1	○	○	○




## Singlephase explosionproof industrial vacuum cleaner ATEX certified

	Accessories	Ref. no.	Min. required	VHS110 Z22 EXA AU V110 UKP	VHS110 Z22 EXA 3X AU	VHS110 Z22 EXA AU SBS V110 UKP
	ANTIST. ACCESS. KIT D40 II2GD MACHINE	4072200670	1	○	○	○
	ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD COMPL	4072200666	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD FLOOR	4072200668	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1	○	○	○
	ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1	○	○	○
	ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1	○	○	○
	CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	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	○	○	○










## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Accessories		Ref. no.	Min. required	VHS110 Z22 EXA AU V110 UKP	VHS110 Z22 EXA 3X AU	VHS110 Z22 EXA AU SBS V110 UKP
	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>Extension Tube</b>						
	FLAT LANCE D50 ATEX II2GD	4072100163	0	○	○	○
	HANDGRIP D40 ATEX II2GD	4072000385	0	○	○	○
<b>Hose and Connection</b>						
	REDUCTION D50/40 ATEX II2GD	4072100153	1	○	○	○
<b>Hose Vacuum Cleaner</b>						
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0	○	○	○
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	○	○	○
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0	○	○	○
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	○	○	○
<b>Nozzle</b>						

## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Accessories		Ref. no.	Min. required	VHS110 Z22 EXA AU V110 UKP	VHS110 Z22 EXA 3X AU	VHS110 Z22 EXA AU SBS V110 UKP
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0	○	○	○
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	○	○	○












● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
<b>Accessory Kit</b>						
	15ATEX ACCESSORIES KIT	Z7 24175	1	○	○	○
	ANTIST. ACCESS. KIT D40 II2GD MACHINE	4072200670	1	○	○	○
	ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD COMPL	4072200666	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD FLOOR	4072200668	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1	○	○	○
	ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1	○	○	○
	ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1	○	○	○









## Singlephase explosionproof industrial vacuum cleaner ATEX certified






Accessories	Ref. no.	Min. required	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
 CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	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>Extension Tube</b>					
 FLAT LANCE D50 ATEX II2GD	4072100163	0	○	○	○
 HANDGRIP D40 ATEX II2GD	4072000385	0	○	○	○
<b>Hose and Connection</b>					
 REDUCTION D50/40 ATEX II2GD	4072100153	1	○	○	○
<b>Hose Vacuum Cleaner</b>					



Singlephase explosionproof industrial vacuum cleaner ATEX certified

Accessories		Ref. no.	Min. required	VHS110 Z22 EXA 3X AU PBS	VHS110 Z22 EXA 3X AU SBS V110 UKP	VHS110 Z22 EXA 3X AU SBS
	ANTISTATIC FDA HOSE D40 5M I12GD COMPL	4072400468	0	○	○	○
	CONDUCTIVE POLYUR. HOSE D40 5M I12GD	4072400490	0	○	○	○
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP I12D COMPLETE	4072400507	0	○	○	○
	SILICONE CONICAL TOOL FDA D40 I12D COMPL	4072400534	0	○	○	○
<b>Nozzle</b>						
	MOBILE NOZZLE D40 MM400 I12GD COMPLETE	4072000387	0	○	○	○
	SIL NOZZLE FDA 120MM D40 I12D COMPL	4072400522	0	○	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment








Accessories		Ref. no.	Min. required	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
<b>Accessory Kit</b>						
	15ATEX ACCESSORIES KIT	Z7 24175	1	○	○	○
	ANTIST. ACCESS. KIT D40 I12GD MACHINE	4072200670	1	○	○	○
	ANTIST. ACCESS. KIT D50 I12GD MACHINE	4072200671	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 I12GD COMPL	4072200666	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 I12GD FLOOR	4072200668	1	○	○	○




## Singlephase explosionproof industrial vacuum cleaner ATEX certified

	Accessories	Ref. no.	Min. required	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1	○	○	○
	ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1	○	○	○
	ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1	○	○	○
	CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	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	○	○	○

Singlephase explosionproof industrial vacuum cleaner ATEX certified

Accessories	Ref. no.	Min. required	VHS110 Z22 EXA PBS	VHS110 Z22 EXA AU PBS V110 UKP	VHS110 Z22 EXA AU FM
<b>Extension Tube</b>					
	FLAT LANCE D50 ATEX II2GD	4072100163	0	○	○
	HANDGRIP D40 ATEX II2GD	4072000385	0	○	○
<b>Hose and Connection</b>					
	REDUCTION D50/40 ATEX II2GD	4072100153	1	○	○
<b>Hose Vacuum Cleaner</b>					
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0	○	○
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	○	○
<b>Cone Nozzle</b>					
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0	○	○
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	○	○
<b>Nozzle</b>					
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0	○	○
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment












Accessories	Ref. no.	Min. required	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
<b>Accessory Kit</b>					
	15ATEX ACCESSORIES KIT	Z7 24175	1	○	○




## Singlephase explosionproof industrial vacuum cleaner ATEX certified

	Accessories	Ref. no.	Min. required	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
	ANTIST. ACCESS. KIT D40 II2GD MACHINE	4072200670	1	○	○	○
	ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD COMPL	4072200666	1	○	○	○
	ANTIST. ACCESSORIES KIT D40 II2GD FLOOR	4072200668	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1	○	○	○
	ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1	○	○	○
	ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1	○	○	○
	ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1	○	○	○
	CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	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	○	○	○










## Singlephase explosionproof industrial vacuum cleaner ATEX certified

	Accessories	Ref. no.	Min. required	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
	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>Extension Tube</b>						
	FLAT LANCE D50 ATEX II2GD	4072100163	0	○	○	○
	HANDGRIP D40 ATEX II2GD	4072000385	0	○	○	○
<b>Hose and Connection</b>						
	REDUCTION D50/40 ATEX II2GD	4072100153	1	○	○	○
<b>Hose Vacuum Cleaner</b>						
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0	○	○	○
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	○	○	○
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0	○	○	○
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	○	○	○
<b>Nozzle</b>						

## Singlephase explosionproof industrial vacuum cleaner ATEX certified












Accessories		Ref. no.	Min. required	VHS110 Z22 FPAT AU IS EXA	VHS110 Z22 FPAT H IS EXA	VHS110 Z22 EXA LP AU FM
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0	○	○	○
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	○	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	VHS110CB Z22 EXA AU FM	VHS110CB Z22 EXA FM PBS	VHS110CB Z22 EXA AU FM V110 UKP
<b>Accessory Kit</b>						
	15ATEX ACCESSORIES KIT	Z7 24175	1			
	ANTIST. ACCESS. KIT D40 II2GD MACHINE	4072200670	1			
	ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1			
	ANTIST. ACCESSORIES KIT D40 II2GD COMPL	4072200666	1			
	ANTIST. ACCESSORIES KIT D40 II2GD FLOOR	4072200668	1			
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1			
	ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1			
	ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1			
	ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1			







## Singlephase explosionproof industrial vacuum cleaner ATEX certified






	Accessories	Ref. no.	Min. required	VHS110CB Z22 EXA AU FM	VHS110CB Z22 EXA FM PBS	VHS110CB Z22 EXA AU FM V110 UKP
	CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	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>Extension Tube</b>						
	FLAT LANCE D50 ATEX II2GD	4072100163	0	•		•
	HANDGRIP D40 ATEX II2GD	4072000385	0		•	
<b>Hose and Connection</b>						
	REDUCTION D50/40 ATEX II2GD	4072100153	1			
<b>Hose Vacuum Cleaner</b>						



Singlephase explosionproof industrial vacuum cleaner ATEX certified













Accessories		Ref. no.	Min. required	VHS110CB Z22 EXA AU FM	VHS110CB Z22 EXA FM PBS	VHS110CB Z22 EXA AU FM V110 UKP
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0		•	
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	•		•
<b>Cone Nozzle</b>						
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0		•	•
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	•		•
<b>Nozzle</b>						
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0		•	
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	•		•

• Standard equipment, ○ Supplementary accessories, □ Mountable equipment








Accessories		Ref. no.	Min. required	VHS110CB Z22 EXA FM PBS V110 UKP
<b>Accessory Kit</b>				
	15ATEX ACCESSORIES KIT	Z7 24175	1	
	ANTIST. ACCESS. KIT D40 II2GD MACHINE	4072200670	1	
	ANTIST. ACCESS. KIT D50 II2GD MACHINE	4072200671	1	
	ANTIST. ACCESSORIES KIT D40 II2GD COMPL	4072200666	1	
	ANTIST. ACCESSORIES KIT D40 II2GD FLOOR	4072200668	1	



## Singlephase explosionproof industrial vacuum cleaner ATEX certified

	Accessories	Ref. no.	Min. required	VHS110CB Z22 EXA FM PBS V110 UKP
	ANTIST. ACCESSORIES KIT D50 II2GD COMPL	4072200667	1	
	ANTIST. ACCESSORIES KIT D50 II2GD FLOOR	4072200669	1	
	ATEX ACCESSORIES KIT D40 II2GD COMPLETE	4072200662	1	
	ATEX ACCESSORIES KIT D50 II2GD COMPLETE	4072200663	1	
	CARBON FIBER KIT D40 4 POLE-6M ATEX	4072400651	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	

## Singlephase explosionproof industrial vacuum cleaner ATEX certified

Accessories		Ref. no.	Min. required	VHS110CB Z22 EXA FM PBS V110 UKP
<b>Extension Tube</b>				
	FLAT LANCE D50 ATEX II2GD	4072100163	0	
	HANDGRIP D40 ATEX II2GD	4072000385	0	•
<b>Hose and Connection</b>				
	REDUCTION D50/40 ATEX II2GD	4072100153	1	
<b>Hose Vacuum Cleaner</b>				
	ANTISTATIC FDA HOSE D40 5M II2GD COMPL	4072400468	0	•
	CONDUCTIVE POLYUR. HOSE D40 5M II2GD	4072400490	0	
<b>Cone Nozzle</b>				
	SILICONE CONE D40 TRANSP II2D COMPLETE	4072400507	0	
	SILICONE CONICAL TOOL FDA D40 II2D COMPL	4072400534	0	
<b>Nozzle</b>				
	MOBILE NOZZLE D40 MM400 II2GD COMPLETE	4072000387	0	•
	SIL NOZZLE FDA 120MM D40 II2D COMPL	4072400522	0	