

ATEX Series



Explosion-proof Industrial Vacuum Cleaners

Atex Series

EXPLOSION-PROOF



AT22-30 XS
AT22-40 XS



AT22-30 S
AT22-40 S

HIGHLIGHTS

- Essential equipment to minimize the risk of explosion in potentially hazardous environments
- Explosion proof ATEX certified for dust Zone 22 and gas zone 2 in compliance with the new European ATEX directive 2014/34/EU:
 - > Zone 22 – A place in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
 - > Zone 2 – A place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
- Some examples of such environments include: flour and grain mills, bakeries, sites in which electrostatically charged particles are present, etc...



SAFETY FIRST!



Atex Series

EXPLOSION-PROOF



AT22-30 M
AT22-40 M



AT22-30 L
AT22-40 L

SPECIAL FEATURES



Special configuration of the coaxial induction turbine (AT22 M & L models) provides EXTRA LONG LIFE and durability. Completely maintenance-free. Continuous duty.



Tangential tank entry creates a vortex of incoming dust. Helps keep the filter clean.



Internal cyclone cone. To further protect the filter from dust and debris.



Smart mechanism for lowering and detaching tanks by raising a handy lever. Both tanks easily roll out while the turbine remains always in place (AT22 M & L models). No need to ever lift the heavy turbine to access the filter.

Stainless steel tank and filtration chamber in AISI304.



Autonomous filter shaking mechanism shakes the filter continuously during operation. Convenient knob on the tank for manual filter shaking.

Atex Series

EXPLOSION-PROOF

non-electric



AT22-A XS



AT22-A S

HIGHLIGHTS

- Non-electric units, powered by compressed air
- Essential equipment to minimize the risk of explosion in potentially hazardous environments
- Explosion proof ATEX certified for dust Zone 22 and gas zone 2 in compliance with the new European ATEX directive 2014/34/EU:
 - > Zone 22 – A place in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
 - > Zone 2 – A place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
- Some examples of such environments include: flour and grain mills, bakeries, sites in which electrostatically charged particles are present, etc...

SAFETY FIRST!





non-electric

Atex Series

EXPLOSION-PROOF



AT22-A M



AT22-A L

SPECIAL FEATURES



Non-electric.
Powered by compressed air.
Pressure regulator allows the adjustment of compressed air for optimal performance.



Tangential tank entry creates a vortex of incoming dust. Helps keep the filter clean.



Stainless steel tank and filtration chamber in AISI304.



Internal cyclone cone. To further protect the filter from dust and debris.



Convenient lever to lower and detach the easy roll-out lower tank.



Manual filter shaking mechanism with ergonomic handle.

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EXPLOSION-PROOF



SUPPLIED FILTERS AND ATTACHMENTS

	Code	Model	DESCRIPTION
	222903	XS - S models	Star shaped filter, complete - antistatic, class L
	217848	M - L models	
	400582	ALL	Inlet reducer cuff 70 > 50 - stainless steel

TECHNICAL SPECIFICATIONS

		AT22-30 XS	AT22-40 XS	AT22-30 S	AT22-40 S	AT22-30 M	AT22-40 M	AT22-30 L	AT22-40 L
Code		109612	109613	109614	109615	109616	109410	109617	109411
Voltage-Frequency	V-Phase-Hz	230-1-50	400-3-50	230-1-50	400-3-50	230-1-50	400-3-50	230-1-50	400-3-50
Power - max	W - hp	2200 - 3hp	3000 - 4hp	2200 - 3hp	3000 - 4hp	2200 - 3hp	3000 - 4hp	2200 - 3hp	3000 - 4hp
Turbine type		coaxial induction	coaxial induction	coaxial induction	coaxial induction	coaxial induction	coaxial induction	coaxial induction	coaxial induction
Nr. of turbine stages		1-stage	1-stage	1-stage	1-stage	1-stage	1-stage	1-stage	1-stage
Vacuum power	mm H ₂ O	3200	3200	3200	3200	3200	3200	3200	3200
Air flow	m ³ /h	350	350	350	350	350	350	350	350
Tank volume	Liter	30	30	50	50	60	60	100	100
Filtration surface area	cm ²	13000	13000	13000	13000	19500	19500	19500	19500
Protection class	IP	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Noise level	dB	71	71	71	71	71	71	71	71
Machine dimensions	cm	66x60x130	66x60x130	66x60x149	66x60x149	63x86x155	63x86x155	63x86x175	63x86x175
Packaged dimensions	cm	70x92x180	70x92x180	70x92x180	70x92x180	70x92x195	70x92x195	70x92x195	70x92x195
Net weight	kg	60	60	80	80	94	94	98	98
Gross weight	kg	66	66	85	85	104	104	108	108

		AT22-A XS	AT22-A S	AT22-A M	AT22-A L
Code		107110	107100	104071	104072
Air Consumption at 6 bar	l/m	1600	1600	1600	1600
Required air pressure	bar	4 - 9	4 - 9	4 - 9	4 - 9
Vacuum power at 6 bar	mm H ₂ O	4600	4600	4600	4600
Air flow at 6 bar	m ³ /h	408	408	408	408
Tank volume	Liter	30	50	60	100
Compressed air connection	inches	3/8	3/8	3/8	3/8
Filtration surface area	cm ²	13000	13000	19500	19500
Protection class	IP	IP65	IP65	IP65	IP65
Noise level	dB	70	70	70	70
Machine dimensions	cm	70x75x135	70x75x135	66x85x140	66x85x155
Packaged dimensions	cm	70x75x175	70x75x175	70x92x185	70x92x185
Net weight	kg	34	35	84	84
Gross weight	kg	43	45	98	98

ON DEMAND

RECOMMENDED ATTACHMENT KITS

Kit Antistatic Ø40mm Code 217182



Kit Antistatic Ø50mm Code 217183



For all other optional filters and attachments, please see pag. 65