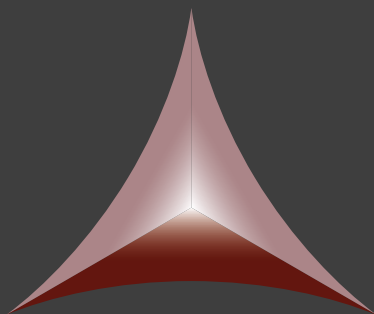


ATEX SERIES



DEPURECO[®]
INDUSTRIAL VACUUMS

ENGLISH

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ATEX SERIES

The ATEX marking refers to environments where the presence of gases, mist, vapours or flammable dust can generate a potentially explosive atmosphere.

The condition necessary for generating an explosion is the simultaneous presence of three specific components:

- **Combustive agent:** oxygen
- **Fuel:** dust or flammable gas
- **Ignition Source:** any event with an energy source.

Depureco industrial vacuums, with ATEX certification, rule out the third parameter: ignition, by guaranteeing all the safety requirements indicated by the directive. The vacuums are, in fact, designed to avoid any ignition source making the operation of the vacuuming safe.

Some examples of combustible dust are: dust from cereal, flour, starch, sugars, feed, light metals, coal, plastics, fabrics and many others.

There are upper and lower limits of fuel concentration (gas or dust) in the atmosphere which are critical in triggering an explosion. In the specific case of dust, the size particle is also a factor which helps its spreading in the air.

Depending on the probability with which the danger of explosion occurs, equipment with different levels of certification and safety should be used. The greater the possibility of an explosive atmosphere, the higher the level of safety measures adopted should be.



The ATEX directive and the EN standards in this sector specify that the plate on the vacuum must bear specific indications:

- the Ex symbol, the group identification, the category, the indication of gas or dust, as well some additional information.

ZONE	SUBSTANCE GENERATING AN EXPLOSIVE ATMOSPHERE	PRESENCE OF EXPLOSIVE ATMOSPHERE	APPLIANCE CATEGORY
0	GAS	CONTINUOUS	1G
20	DUST	CONTINUOUS	1D
1	GAS	PROBABLE	2G
21	DUST	PROBABLE	2D
2	GAS	POSSIBLE	3G
22	DUST	POSSIBLE	3D

Depureco offers a wide range of vacuums that are suitable for operation in most areas at risk.



ATEX series Z22

The areas at risk of explosion are divided into zones based on the presence of explosive atmospheres.

ZONE 22 is a place in which an explosive or flammable atmosphere, in the form of a cloud of combustible dust, gas, vapours or mist, may occur in normal operation but, if it does occur, will persist for a short period only.

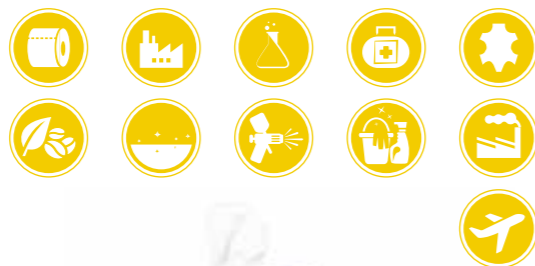
Under ATEX, equipment is declared compliant at the sole responsibility of the manufacturer.

Depureco vacuums meet even the most stringent regulations, offering high safety standards for the protection of the operator and the environment.

TB ATEX II3D

Industrial vacuum cleaners
Series TB

The **TB Z22** model is a three-phase industrial vacuum for solid materials. It is among the most compact in its class, **powerful and reliable**. In addition to standard DEPURECO quality and safety features, TB Z22 is equipped with **circuit breaker Siemens IP65** with electric phase control sequence, additional silencer, high-efficiency Siemens turbine with safety relief valve, **AISI 304 Stainless Steel** filter chamber and dust container, anti-static filter Class "M" and post-filtration on exhaust air. Absolute filter, offered on demand, is certified by the German certification body IFA; class H14 (99,995%), for vacuuming of fine or toxic dust. **The industrial vacuum is certified as suitable to be used in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.**



TB ATEX II3D

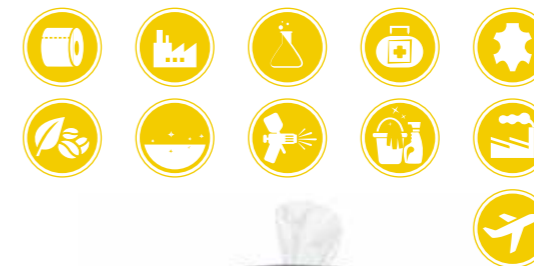
POWER	kW	2,2
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	200
MAX AIR FLOW	m³/h	270
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	15,000
DUST BIN	L	45
NOISE LEVEL	dB(A)	72
WEIGHT	Kg	50
DIMENSIONS	cm	55x62x140H



TB ATEX II3G

Industrial vacuum cleaners
Series TB

The TB Z2 model is a **GAS areas classified** three-phase **ATEX** industrial vacuum. It is among the most compact in its class, powerful and reliable. In addition to the standard DEPURECO quality and safety features, TB Z2 is equipped with **EXPLOSION PROOF circuit breaker IP66** with electric phase control sequence, additional silencer, high-efficiency Siemens turbine with safety relief valve, crankcase protection, AISI 304 Stainless Steel filter chamber and dust container, **anti-static filter Class "M" and post-filtration on exhaust air**. Absolute filter, offered on demand, is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust. **The industrial vacuum is certified to be used in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3G.**



TB ATEX II3G

POWER	kW	1,9
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	200
MAX AIR FLOW	m³/h	270
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	15,000
DUST BIN	L	45
NOISE LEVEL	dB(A)	72
WEIGHT	Kg	70
DIMENSIONS	cm	55x62x147H

TB BAG ATEX

Industrial vacuum cleaners
Series TB

The TB BAG model is the perfect solution to ensure maximum operator safety during vacuuming of fine, toxic or harmful dust including asbestos.

The LONGOPAC system with anti-static bag prevents dust from coming into contact with the operator, can collect them, without the risk of inhalation. The standard Depureco TB BAG is equipped with circuit breaker Siemens IP65 with electric phase control sequence, additional silencer, high-efficiency Siemens turbine with safety relief valve, AISI 304 Stainless Steel filter chamber and dust container, anti-static filter Class "M" and post-filtration on exhaust air. Absolute filter, offered on demand is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust. The industrial vacuum is certified as suitable to be used in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.



TB BAG ATEX

POWER	kW	2,2
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	200
MAX AIR FLOW	m³/h	270
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	15,000
DUST BIN	mt	20
NOISE LEVEL	dB(A)	72
WEIGHT	Kg	77
DIMENSIONS	cm	60x55x188H

TB UP ATEX II3D

Industrial vacuum cleaners
Series TB

The TB UP ATEX model is a three-phase industrial vacuum for solid materials. It is one of the most compact industrial vacuums available on the market, powerful and reliable. The standard TB UP Z22 is equipped with circuit breaker Siemens IP65 with electric phase control sequence, additional silencer, high-efficiency Siemens turbine with safety relief valve, AISI 304 Stainless Steel filter chamber and dust container, anti-static filter Class "M" and post-filtration on exhaust air. Absolute filter, offered on demand is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust.

The industrial vacuum is certified as suitable to be used in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.



TB UP ATEX II3D

POWER	kW	4
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	270
MAX AIR FLOW	m³/h	320
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	15,000
DUST BIN	L	45
NOISE LEVEL	dB(A)	72
WEIGHT	Kg	87
DIMENSIONS	cm	55x90x112h



ECOBULL ATEX II3D

Industrial vacuum cleaners
Series ECOBULL

The **EcoBULL ATEX** model is a three-phase industrial vacuum for solid materials. **EcoBULL** is the ideal compact vacuum cleaner characterised by turbine placed on the top, that allows maintaining small size despite a 4kW power and larger filtering surface.

The standard EcoBULL Z22 is equipped with circuit breaker Siemens IP65 with electric phase control sequence, additional silencer, high-efficiency Siemens turbine with vacuum safety relief valve, AISI 304 Stainless Steel filter chamber and dust container, anti-static Class "M" filter and post-filtration on exhaust air. Absolute filter offered on demand, is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust.

The industrial vacuum is certified as to be used in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.



ECOBULL SINGLE-PHASE

POWER	kW	2
VOLTAGE	V - Hz	230 - 50/60
MAX. VACUUM	mbar	200
MAX AIR FLOW	m ³ /h	300
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	24,000
DUST BIN	L	65/100
NOISE LEVEL	dB(A)	72
WEIGHT	Kg	82
DIMENSIONS	cm	60x80x163H



ECOBULL THREE-PHASE

POWER	kW	4
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	270
MAX AIR FLOW	m ³ /h	450
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	24,000
DUST BIN	L	65/100
NOISE LEVEL	dB(A)	72
WEIGHT	Kg	82
DIMENSIONS	cm	60x80x163H



MINIAir ATEX II3D

Industrial vacuum cleaners
Series MINIAir

The MINIAIR ATEX series is a compressed air driven industrial vacuums that comply with EN 60335-2-69 directive and the European Directive ATEX 2014/34 /EU, guaranteeing high safety standards for the protection of the operator and the environment.

The MiniAir Z22 is equipped with two injectors that guarantee a high air flow, AISI 304 Stainless Steel chamber and container, anti-static class "M" filter. Absolute filter offered on demande, is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust.



MINIAir Z22 ATEX II3D

(Bar) REQUIRED	Bar	6-8
MAX. VACUUM	mBar	500
MAX AIR FLOW	m ³ /h	250
AIR CONSUMPTION	l/m	2500
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	15,000
DUST BIN	L	45
NOISE LEVEL	dB(A)	73
WEIGHT	Kg	42
DIMENSIONS	cm	55x62x115H



AC ATEX II3D

Industrial vacuum cleaners
Series AC

The AC ATEX series is a compressed air driven industrial vacuums that comply with EN 60335-2-69 directive and the European Directive ATEX 2014/34/EU, guaranteeing high safety standards for the protection of the operator and the environment. **The AC Z22 vacuum is equipped with a venturi pipe that ensures vacuum filter rate up to 400 m³/h, AISI 304 Stainless Steel chamber and container, class "M" and anti-static filter.**

Absolute offered on demand, is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust.



AC ATEX II3D

(Bar) REQUIRED	Bar	6-8
MAX. VACUUM	mBar	500
MAX AIR FLOW	m ³ /h	480
AIR CONSUMPTION	m ³ /h	74
INTAKE OPENING	mm	80
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	24,000
DUST BIN	L	65/100
NOISE LEVEL	dB(A)	70
WEIGHT	Kg	64
DIMENSIONS	cm	66x80x120H



SERIES FOX ATEX II3D

Industrial vacuum cleaners Series Fox

The **FOX ATEX** series is a three-phase industrial vacuum cleaner for solid materials, characterised by versatility of use.

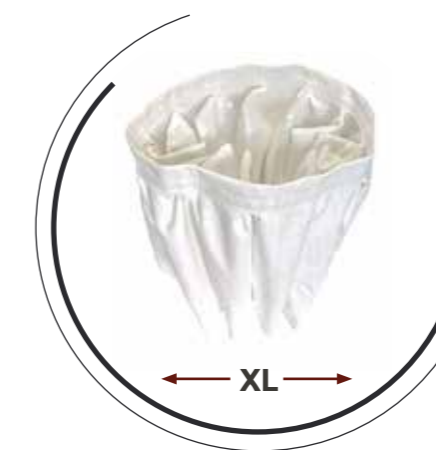
FOX is equipped with **electric phase control sequence Siemens IP65** with correct control phase sequence, **additional silencer** and **high-efficiency turbine with vacuum safety relief valve, anti-static Class "M" filter and post-filtration exhaust air.**

Absolute filter, offered on demand, is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust. The industrial vacuum is certified as suitable to be used in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.



FOX 5.5 ATEX II3D

POWER	kW	4,0
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	200
MAX AIR FLOW	m³/h	520
INTAKE OPENING	mm	80
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	24,000
DUST BIN	L	100
NOISE LEVEL	dB(A)	73
WEIGHT	Kg	157
DIMENSIONS	cm	66x120x151H



FOX 10 ATEX II3D

POWER	kW	7,5
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	230
MAX AIR FLOW	m³/h	530
INTAKE OPENING	mm	80
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	45,000
DUST BIN	L	100
NOISE LEVEL	dBa	74
WEIGHT	Kg	242
DIMENSIONS	cm	128x65x183H



FOX 7.5 ATEX II3D

POWER	kW	5,5
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	275 400
MAX AIR FLOW	m³/h	520 320
INTAKE OPENING	mm	80
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	24,000
DUST BIN	L	100
NOISE LEVEL	dB(A)	74
WEIGHT	Kg	177
DIMENSIONS	cm	66x120x151H

SERIES PUMA ATEX II3D

Industrial vacuum cleaners
Series Puma

The PUMA series is a three-phase industrial vacuum for solid materials, it stands out for the great performances ranges installed and its versatility of use. PUMA ATEX is equipped with electric board control, electric phase control and changer, additional silencer, high-efficiency turbine with safety relief valve, anti-static Class "M" filter and post-filtration on exhaust air. Absolute filter, offered on demande, is certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust.

The industrial vacuum is certified as suitable to be used in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.



PUMA 10 Z22

POWER	kW	7,5
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	270
MAX AIR FLOW	m³/h	700
INTAKE OPENING	mm	100
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	45,000
DUST BIN	L	175
NOISE LEVEL	dB(A)	74
WEIGHT	Kg	386
DIMENSIONS	cm	85x155x198H



PUMA 15 Z22

POWER	kW	11
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	300
MAX AIR FLOW	m³/h	1120
INTAKE OPENING	mm	100
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	45,000
DUST BIN	L	175
NOISE LEVEL	dB(A)	74
WEIGHT	Kg	419
DIMENSIONS	cm	85x155x198H



PUMA 18 Z22

POWER	kW	15,0
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	350
MAX AIR FLOW	m³/h	1120
INTAKE OPENING	mm	100
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm²	45,000
DUST BIN	L	175
NOISE LEVEL	dB(A)	74
WEIGHT	Kg	350
DIMENSIONS	cm	85x155x198H



PUMA 30 ATEX II3D

			30/P	30/S
POWER	kW	18,5		
VOLTAGE	V - Hz	400 - 50/60		
MAX. VACUUM	mbar	170	380	
MAX AIR FLOW	m³/h	2.000	1.180	
INTAKE OPENING	mm	120		
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"		
FILTER SURFACE	cm²	180,000		
DUST BIN	L	175		
NOISE LEVEL	dB(A)	78		
WEIGHT	Kg	600		
DIMENSIONS	cm	105x195x230H		

SWAN 220 ATEX II3D

Industrial vacuum cleaners
Series SWAN

The **SWAN Z22** model is a three-phase industrial vacuum for solid materials. **Ideal for fixed applications connected directly to the machine for vacuuming and filtration of pharmaceutical or chemical dust.** In addition to DEPURECO standard quality and safety features, SWAN ATEX is equipped with circuit breaker Siemens IP65 with electric phase control sequence, additional silencer, high-efficiency turbine Siemens with safety relief valve, filter chamber and dust container in AISI 304 Stainless Steel, anti-static filter Class "M" and post-filtration on exhaust air. We offer as an optional accessory the absolute filter certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust.

The industrial vacuum is certified as suitable for use in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.



SWAN 220 ATEX II3D

POWER	KW	2.2
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mBar	200
MAX AIR FLOW	m³/h	270
INTAKE OPENING	mm	50/70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
WEIGHT	Kg	97
DIMENSIONS	cm	75X50X160H



DF 22 ATEX II3D

Industrial vacuum cleaners
Series DF

The model **DF Z22** is a **three-phase industrial vacuum cleaner**, equipped with fan with backward-curved blades that ensures an **high air flow rate**.

Ideal for fixed applications connected directly to the machine for filtration and vacuuming of aluminium or metal dust and swarf. In addition to DEPURECO standard quality and safety features, **DF Z22 is equipped with circuit breaker IP65 with electric phase control sequence**, additional silencer, filter chamber and dust container in AISI 304 Stainless Steel, anti-static filter Class "M" **that features a new filter cleaning system (PSC)**, which ensures highly effective cleaning. We offer as an optional accessory the absolute filter certified by the German certification body IFA, class H14 (99,995%), for vacuuming of fine or toxic dust. The industrial vacuum is certified as suitable for use in potentially explosive atmosphere according to the European Directive ATEX 2014/34/UE ATEX II3D.



DF 22 ATEX II3D

POWER	kW	2.2
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mm/H2O	300
MAX AIR FLOW	m³/h	1300
INTAKE OPENING	mm	100
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
NOISE LEVEL	dB(A)	76
FILTER SURFACE	cm²	24,000
DUST BIN	L	100
WEIGHT	Kg	110
DIMENSIONS	cm	66X80X179H



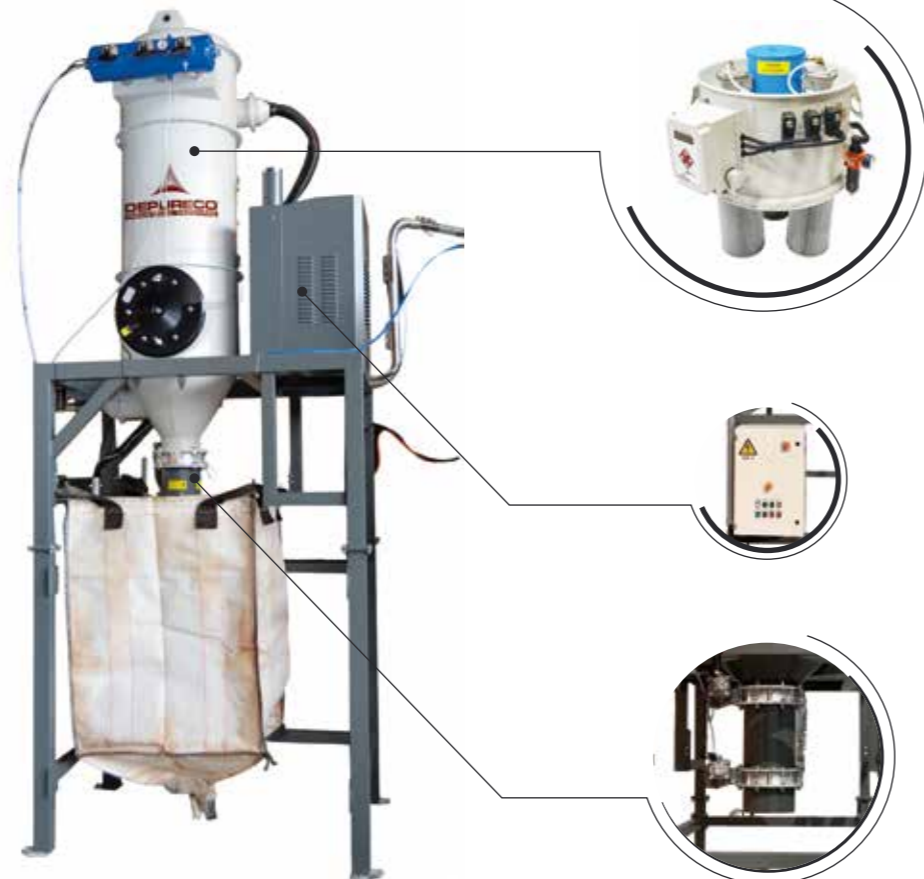
TOWER-VAC ATEX II3D

Industrial vacuum cleaners
Series Tower-Vac

The **TOWER-VAC II3D** filter, ATEX version, is specifically designed for use in environments requiring high protection against explosion according to ATEX 2014/34/EU.

The **high strength structural required is the result of a design of finished elements (FEM ANALYSIS) of the product, of compliance with UNI EN 288-4 standard for welding processes and consistency of design according to standard 97/23 (PED).**

The high design and manufacturing standards allowed DEPURECO to develop a standard product with a **Pred = 1 barg** and, in the special version, with a **Pred = 2 barg**. These high levels of mechanical resistance to overpressure make it possible to use the Tower-vac II3D filter for dust classified as ST2. Standard version equipped with ATEX 22 certified pressure relief valve. Mounted on a frame for discharge in big bags.



TOWER-VAC ATEX II3D

POWER	kW	11
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	300
MAX AIR FLOW	m ³ /h	920
INTAKE OPENING	mm	100
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	190,000
NOISE LEVEL	dB(A)	80
DIMENSIONS	cm	115x130x300H



DV AIR ATEX II3D

Industrial vacuum cleaners
Series DV AIR

The **DV-Air Ex** filter is a high-efficiency machine for vacuuming of dry dust; the filter was specifically designed for use in environments requiring high protection against explosion according to ATEX 2014/34/EU. The high strength structural required is the result of a design of finished elements (FEM ANALYSIS) of the product, of compliance with UNI EN 288-4 standard for welding processes and consistency of design.

The high design and manufacturing standards allowed Depureco S.r.l. to develop a standard product with a **Pred = 1 barg** and, in the special version, with a **Pred = 2 barg**. These high levels of mechanical resistance to overpressure make it possible to use the DV-Air filter with powders classified as ST3; coupled to systems for the detection and suppression of explosions.

The **DV-Air Ex** filter is designed using cutting-edge technology and is the safest filter available on the industrial vacuum market today.



DV AIR 600

FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	190,000
N° OF CARTRIDGES		7X145X700H
DIMENSIONS	mm	dn600 h2065

DV AIR 1000

FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	330,000
N° OF CARTRIDGES		4x325x700H
DIMENSIONS	mm	dn1000 h2700h

DV AIR 1250

FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	810,000
N° OF CARTRIDGES		6x325x1000H
DIMENSIONS	mm	dn1250 h2900



ATEX series Z21

ZONE 21 is a place in which an explosive atmosphere, in the form of a cloud of combustible dust, gas, vapours or mist, is likely to occur in normal operation.

Equipment for use in ZONE 21 must obtain validation of the relevant risk analysis by a notified body before issuing a declaration of conformity.

Following stringent checks by the certifying body, DNV-GL, Depureco industrial vacuums have been ATEX ZONE 21 approved, as envisaged by the Directive 2014/34/EU, which requires ATEX certification for products installed in all places with a risk of explosion.

Depureco Industrial Vacuums produces a wide range of ATEX ZONE 21 industrial vacuums, designed to provide the highest standard of safety.

TB ATEX II2D

Industrial vacuum cleaners
Series TB

Due to the strict controls carried out by the certification body DNV-GL, the TB Z21 was certified as required by the Machinery Directive 2014/34/EU, line CE EX II 2D; TB Z21 is designed and manufactured in compliance with the directive and it is suitable for use in potentially explosive atmosphere.

The standard version of the industrial vacuum TB Z21 DEPURECO features on AISI 304 Stainless Steel chamber dust bin and crankcase, **IP65 EXPLOSION PROOF certified circuit breaker, SIEMENS certified side channel blower, silencer with safety filter at the outlet; vacuum gauge with clogging indicator, class M certified primary anti-static filter, safety relief valve and absolute filter certified by the German certification body IFA as class H14 (99,995%), for vacuuming of fine or toxic dust.**



TB ATEX II2D

POWER	kW	2.2
MAX. VACUUM	mm/H2O	200
MAX AIR FLOW	m ³ /h	270
VOLTAGE	V - Hz	400 - 50/60
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
NOISE LEVEL	dB(A)	65
FILTER SURFACE	cm ²	15,000
DUST BIN	L	45
WEIGHT	Kg	70
DIMENSIONS	cm	55X62X147H

AC ATEX II2D

Industrial vacuum cleaners
Series AC

The industrial vacuum cleaner AC with compressed air has been designed to operate in environments where the use of electricity is dangerous. AC was approved ATEX Z21, following the strict checks carried out by the certification body DNV-GL.

AC ATEX Z21 was designed and manufactured in compliance with Directive ATEX 2014/34/UE. The industrial vacuum AC Z21 DEPURECO is equipped with AISI 304 Stainless Steel chamber and dust bin, additional silencer with safety filter at the outlet, vacuum gauge with clogging indicator, primary class M anti-static certified filter, and absolute filter certified by the German certification body IFA as class H14 (2014/34%) for vacuuming of fine or toxic dust.



AC II2D

(Bar) REQUIRED	bar	6-8
MAX. VACUUM	mbar	500
MAX AIR FLOW	m ³ /h	480
AIR CONSUMPTION	m ³ /h	74
INTAKE OPENING	mm	80
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	24,000
DUST BIN	L	65/100
NOISE LEVEL	dB(A)	70
WEIGHT	Kg	64
DIMENSIONS	cm	66x80x120H



FOX ATEX II2D

Industrial vacuum cleaners
Series Fox

FOX 5.5 Z21 was designed, manufactured and certified in accordance with Directive ATEX 2014/34/UE by the certification body DNV-GL as a result of strict checks. The standard version is equipped with AISI 304 Stainless Steel chamber and dust bin, **IP65 EXPLOSION PROOF certified circuit breaker, certified SIEMENS side channel blower, additional silencer with safety filter at the outlet**, vacuum gauge with clogging indicator, primary anti-static class M certified filter, safety relief valve and absolute filter certified by the German certification body IFA as class H14 (99.995%), for vacuuming of fine or toxic dust. On demand, filter cartridge with pneumatic cleaning: cartridges are IFA/BGIA M-PES/EX EXAM certified **cartridges**.

The compressed air enables cleaning to backwash and subjects the filter media to a high-frequency oscillatory motion. The PLC installed inside of the power switchboard determines the cartridge cleaning time and ensures the state of filtration efficiency at maximum levels at all times.



FOX ATEX II2D

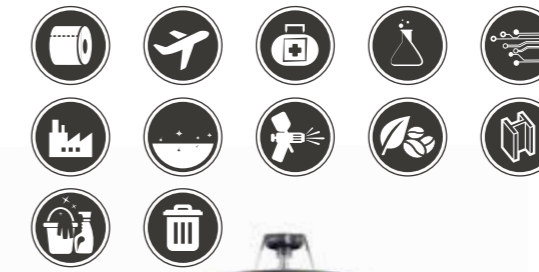
POWER	kW	4
VOLTAGE	V - Hz	400 - 50/60
MAX. VACUUM	mbar	270
MAX AIR FLOW	m ³ /h	500
INTAKE OPENING	mm	50
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	24,000
DUST BIN	L	100
NOISE LEVEL	dB(A)	73
WEIGHT	Kg	157
DIMENSIONS	cm	66x120x151H



FOX 10 ATEX II2D

Industrial vacuum cleaners
Series Fox

FOX 10 Z21 was designed, manufactured and certified in accordance with Directive ATEX 2014/34/UE by the certification body DNV-GL as a result of strict checks. The standard version is equipped with AISI 304 Stainless Steel chamber and dust bin, **IP65 EXPLOSION PROOF certified circuit breaker, certified SIEMENS side channel blower, additional silencer with safety filter at the outlet**, vacuum gauge with clogging indicator, primary anti-static class M certified filter, safety relief valve and absolute filter certified by the German certification body IFA as class H14 (99.995%), for vacuuming of fine or toxic dust. On demande, filter cartridge with pneumatic cleaning: cartridges are IFA/BGIA M-PES/EX EXAM certified **cartridges**. The compressed air enables cleaning to backwash and subjects the filter media to a high-frequency oscillatory motion. The PLC installed inside of the power switchboard determines the cartridge cleaning time and ensures the state of filtration efficiency at maximum levels at all times.



FOX 10 ATEX II2D

POWER	kW	7.5
MAX. VACUUM	mm/H2O	230
MAX AIR FLOW	m ³ /h	530
VOLTAGE	V - Hz	400 - 50/60
INTAKE OPENING	mm	70
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
NOISE LEVEL	dB(A)	74
FILTER SURFACE	cm ²	24,000
DUST BIN	L	100
WEIGHT	Kg	242
DIMENSIONS	cm	128X65X183H



DV AIR ATEX II2D

Industrial vacuum cleaners Series Dv Air

The DV-Air Ex filter was specifically designed for use in environments requiring high protection against explosion according to ATEX 2014/34/EU. The high structural strength required is the result of a design of finished elements (FEM ANALYSIS) of the product in compliance with UNI EN 288-4 standard for welding processes and consistency of design.

The high manufacturing standards allowed Depureco S.r.l. to develop a standard product with a Pred = 1barg and, in the special version, with a Pred = 2barg.

These high levels of mechanical resistance to overpressure make it possible to use the DV-Air filter with powders classified as ST3; coupled to systems for the detection and suppression of explosions.

The DV-Air Ex filter is designed using cutting-edge technology and is the safest filter available on the industrial vacuum market today.



DV AIR 600

FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	190,000
N° OF CARTRIDGES		7x145x700H
WEIGHT	Kg	188
DIMENSIONS	mm	dn600 h2065

DV AIR 1000

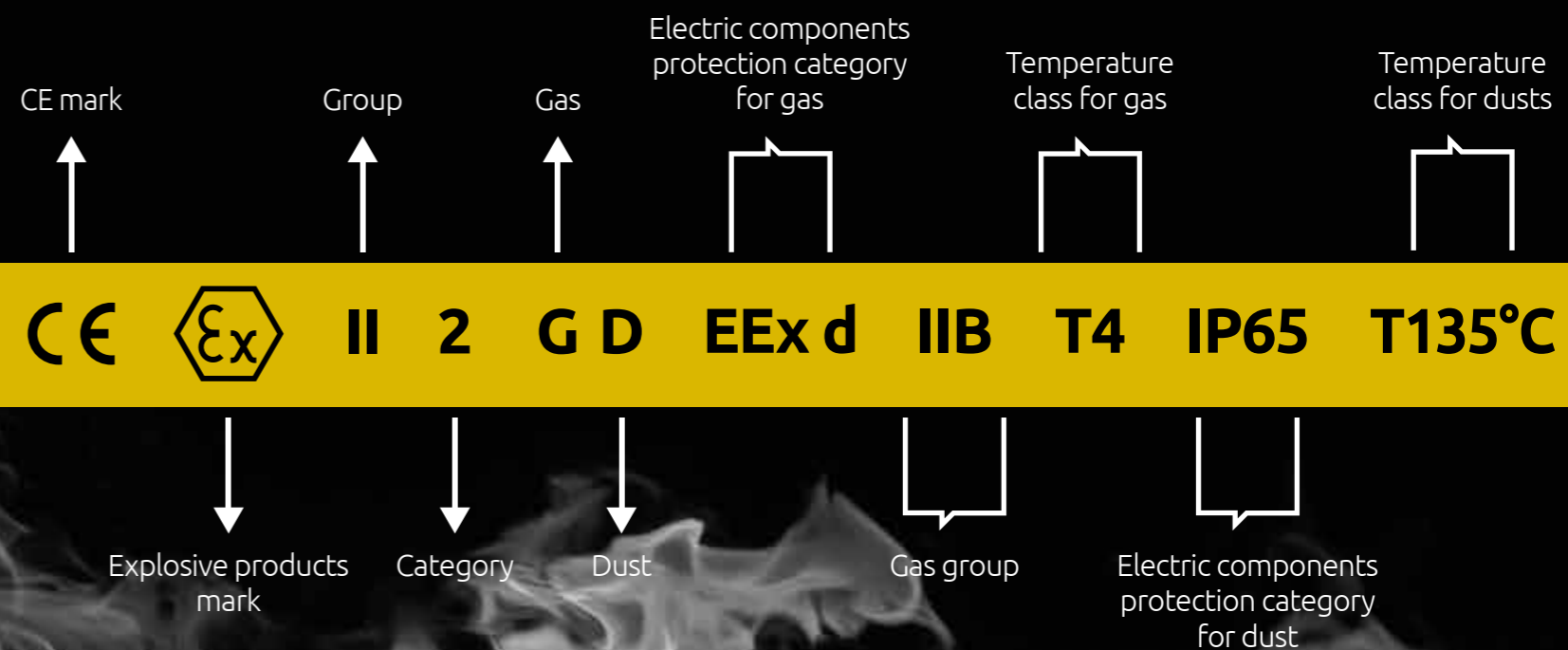
FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	330,000
N° OF CARTRIDGES		4x325x700H
WEIGHT	Kg	300
DIMENSIONS	mm	dn1000 h2700

DV AIR 1250

FILTER MEDIA	IFA/BGIA	ANTISTATIC CLASS "M"
FILTER SURFACE	cm ²	810,000
N° OF CARTRIDGES		6x325x1000H
WEIGHT	Kg	392
DIMENSIONS	mm	dn1250 h2900

SUMMARY

ATEX STRING



APPLICATIONS



PAPERMARKING



MECHANICAL



WELD



PLASTIC



POWER PLANTS



GLASS FACTORY



TANNERIES



AERONAUTICS



CLEANING
COMPANY



BOILER



CERAMICS



PAINTING



AGRI-FOOD



PACKAGING



INCINERATORS



CHEMICAL



PHARMACEUTICAL



OIL



WASTE



JEWELRIES



TEXTILE



TRANSPORT



SPECIAL



ELECTRONICS



CONSTRUCTION



WOOD



COFFEE/TOBACCO



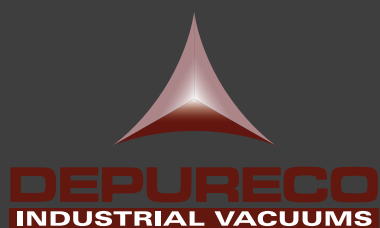
SURFACE
TREATMENTS



ALLUMINIUM



FOUNDRY



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Made in Italy

All Depureco products are entirely made in Italy