



Delfin Industrial Vacuums

Innovative cleaning and dust control solutions to create a safe, efficient, and productive workplace.

DM

Industrial single-phase vacuums with high versatility.

- Great for mobile applications and confined spaces.
- The DM series is the best selling Delfin vacuum across the widest range of industries.
- Certified explosion-proof models available.



Mistral

Delfin's most compact, diverse range of industrial vacuums.

- Single and three-phase systems available.
- Widest selection of models for collection of solids and liquids.
- Certified explosion-proof models available.



DG

Industrial three-phase vacuums with high versatility.

- Built for continuous use with large collection capacity.
- Certified explosion-proof models available.



ZEFIRO

Ultra compact three-phase vacuum cleaners.

- Vertical platform ideal for mobile applications and confined spaces.
- Suited for continuous use.



air

Compressed air-operated vacuum cleaners for continuous use.

- Flexible solutions for most non-electric environments.
- Diverse range of models for collection of solids and liquids.



What do you need to know?

NFPA 652 defines combustible dust as a “finely divided combustible particle solid that presents a flash fire hazard or explosion hazard when suspended in air or the process-specific oxidizing medium over a range of concentrations”.

This applies to all facilities that manufacture, blend, package, repackage, convey, handle combustible dust, or particulate solids that may become dust.

In the event of the above, each industrial setting must have:

- Dust type test result saved on file.
- A documented housekeeping procedure.
- A complete Dust Hazard Analysis.
- A certified industrial vacuums system (recommended).

Class I:

	Division	Description	Group
Gases, Vapors, Liquids	Div 1	Hazard is normally present.	D
	Div 2	Hazard is abnormally present.	D

Class II:

	Division	Description	Group
Dust	Div 1	Hazard is normally present.	E, F, G
	Div 2	Hazard is abnormally present.	F, G

Division 1 location exists where combustible dust is normally in suspension in the air in sufficient quantities to produce ignitable materials, or where mechanical failure or abnormal operation of equipment might cause an explosion or ignitable dust-air mixture to be produced.

Division 2 locations exist where combustible dust is not normally in the air in sufficient quantities to produce an explosion, and dust accumulations are not normally sufficient to interfere with the normal operation of electrical equipment.

Type of Material	Group	Typical Materials
Electrically Conductive Dusts	E*	Powdered metals, such as aluminum or magnesium
Carbonaceous Dusts	F	Carbon black, coal dust, coke dust
Agricultural Dusts	G	Grain, flours, sugars, spices, rice, certain polymers

*Group E Metal Dust requires an immersion pre-separator

How does a dust explosion occur?

When the following elements combine at the same time:

Combustible Dust:

The fuel to burn for the explosion. It hoards in high spot areas or out of sight areas.

Oxygen in Air:

Fire needs oxygen to burn, and it can be found almost everywhere.

Dispersion:

Hoarded dust can easily become a dust cloud suspended in the air, increasing the explosion hazard.

Confinement:

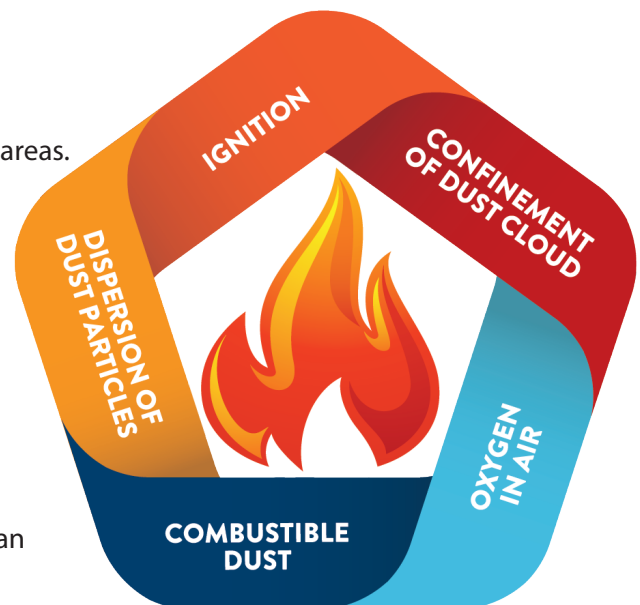
Dust confined in closed areas cannot be dispersed and increases dust particle concentration.

Ignition:

The element that triggers explosions. The ignition source can vary and also can depend on what the dust is made from.

Other things to consider:

- Some materials become combustible only when in dust form.
- After a first explosion dust is dispersed into the air, which could result in a, more deadly, secondary explosion.



Mistral 300 BL D2 Industrial Vacuum

Class II, Division 2

The most compact dust extractor. This petite industrial vacuum has plenty of power with its single-phase motor. Ideal for dust suction with its large surface industrial filter.

Features:

- AISI 304 Stainless steel collection tank.
- Powerful brushless motor with 10,000 hour life expectancy.
- No need for maintenance of the motor.




Voltage:	115 V - 60 Hz	Dimensions:	18" x 17" x 31"
Power:	1.5-HP	Weight:	55-lb
Waterlift:	90.6"	Noise Level:	78 dBA
Airflow:	121.8 CFM	Suction Inlet:	50 mm
Capacity:	3-gal	Filter Surface:	24 sq. ft.

Stock #	Description	Unit
473-1201	300 BL D2 Vacuum	EA
Replacement Filters		
473-1298	Class M Anti-Static Star Filter	EA
473-1001	Class H HEPA Filter	EA

Mistral 301 BL D2 Industrial Vacuum

Class II, Division 2

A robust and powerful vacuum with its spark-free brushless single-phase motor. This machine is meant for potentially hazardous dust extraction, as it is sturdy and dependable yet easy to operate. A great entry-level industrial vacuum system for numerous types of work environments.

Features:

- AISI 304 Stainless steel collection tank.
- Powerful brushless motor with 10,000 hour life expectancy.
- Dustop reverse pulse cleaning system with performance indicator light.




Voltage:	115 V - 60 Hz	Dimensions:	18" x 19" x 34"
Power:	1.5-HP	Weight:	55-lb
Waterlift:	90.6"	Noise Level:	78 dBA
Airflow:	121.8 CFM	Suction Inlet:	50 mm
Capacity:	4-gal	Filter Surface:	26 sq. ft.

Stock #	Description	Unit
473-1300	301 BL D2 Vacuum	EA
Replacement Filters		
473-1299	Class M Anti-Static Cartridge Filter	EA
473-1001	Class H HEPA Filter	EA

Mistral 201 BL D2 Industrial Vacuum

Class II, Division 2

A NRTL certified, explosion-proof vacuum with the power and versatility to maintain peak performance for long hours. Features a single-phase motor, making it ideal for dust suction in hazardous locations.

Features:

- AISI 304 stainless steel collection tank.
- Powerful brushless motor with 10,000 hour life expectancy.
- Pressure relief valve and clog gauge for filter/motor protection.
- No need for maintenance of the motor.




Voltage:	115 V - 60 Hz	Dimensions:	19" x 23" x 43"
Power:	1.5-HP	Weight:	77-lb
Waterlift:	90.6"	Noise Level:	78 dBA
Airflow:	121.8 CFM	Suction Inlet:	50 mm
Capacity:	5-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1063	201 BL D2 Vacuum	EA
Replacement Filters		
473-1076	Class M Anti-Static Cartridge Filter	EA
473-1001	Class H HEPA Filter	EA
Optional Accessories		
473-1002	Disposable Bag Ring Holder	EA
473-1156	Anti-Static Disposable Waste Bag	EA

Mistral 451 BL D2 Industrial Vacuum

Class II, Division 2

A compact and powerful industrial vacuum cleaner, perfect for general cleaning or for collecting dust. Meets requirements for Class II, Group F and G dust collection. The brushless motor is estimated at 10,000 working hour life expectancy. Bonded and grounding included and constructed from powder coated steel.

Features:

- Spark free brushless motor.
- Removable stainless steel collection tank.
- Accessory basket included.
- Integrated cleaning system.
- Performance indicator light.



Voltage:	115 V - 60 Hz	Dimensions:	23" x 25" x 53"
Power:	1.5-HP	Weight:	121-lb
Waterlift:	90.6"	Noise Level:	74 dBA
Airflow:	121.8 CFM	Suction Inlet:	80 mm
Capacity:	12-gal	Filter Surface:	22 sq. ft.

Stock #	Description	Unit
473-1075	451 BL D2 Vacuum	EA
Replacement Filters		
473-1297	Class M Anti-Static Star Filter	EA
473-1001	Class H HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

DM1 BL D2 Industrial Vacuum

Class II, Division 2

Ideal for suctioning large amounts of dust and solids from hazardous locations. This vacuum meets the requirements for Class II, Group F and G dust collection. Features a compact/mobile AISI 304 stainless steel collection tank, a large surface anti-static filter, and an integrated filter cleaning system with an ergonomic designed manual filter shaker.

Features:

- Powerful brushless motor with 10,000 hour life expectancy.
- No need for maintenance of the motor.
- Pressure relief valve for motor protection.
- Vacuum gauge to detect filter clogging.



Voltage:	115 V - 60 Hz	Dimensions:	31" x 26" x 70"
Power:	1.5-HP	Weight:	143-lb
Waterlift:	90.6"	Noise Level:	78 dBA
Airflow:	121.8 CFM	Suction Inlet:	80 mm
Capacity:	26-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1074	DM1 BL D2 Vacuum	EA
Replacement Filters		
473-1200	Class M Anti-Static Star Filter	EA
473-1050	Class H14 HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

Mistral 201 DS CI & II D1 Industrial Vacuum

Class I, Division 1 and 2

A versatile and lightweight vacuum that solves cleaning and dust extraction problems. Meets requirements for Class I, Group D and Class II, Division 1 and 2 Group E*, F, and G dust collection. Its compact size ensures easy mobility without lacking power and performance, while the unique technical features make it the best vacuum system in its category.

Features:

- AISI 304 Stainless steel construction and anti-static polyester filter with additional HEPA filtration.
- Option to direct bag into disposable bags.



Voltage:	115 V - 60 Hz	Dimensions:	19" x 23" x 43"
Power:	0.9-HP	Weight:	88-lb
Waterlift:	67.7"	Noise Level:	80 dBA
Airflow:	138.3 CFM	Suction Inlet:	50 mm
Capacity:	5-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1195	201 DS CI/II D1 Vacuum	EA
Replacement Filters		
473-1076	Class M Anti-Static Cartridge Filter	EA
473-1001	Class H HEPA Filter	EA
Optional Accessories		
473-1002	Disposable Bag Ring Holder	EA
473-1156	Anti-Static Disposable Waste Bag	EA

*Group E Metal Dust requires an immersion pre-separator.

DG KW5 D2 Industrial Vacuum*Class II, Division 2*

The best power/collection capacity rate to manage dense and potentially combustible dust types. Provides great advantages for time management and product quality, while simultaneously assisting in waste reduction. Features a maintenance free side channel blower for continuous use and a stainless steel AISI304 collection tank.

Features:

- Compact and mobile design with earth grounding.
- Tangential suction inlet with separation cyclone.
- Integrated filter cleaning system.
- Pressure relief valve and clog gauge for filter/motor protection.



Voltage:	460 V - 60 Hz	Dimensions:	26" x 47" x 57"
Power:	6.2-HP	Weight:	302-lb
Waterlift:	120.4"	Noise Level:	72 dBA
Airflow:	229.5 CFM	Suction Inlet:	80 mm
Capacity:	26-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1163	DG KW5 D2 Vacuum	EA
Replacement Filters		
473-1200	Class M Anti-Static Star Filter	EA
473-1050	Class H14 HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

DG 86AF D2 Industrial Vacuum*Class II, Division 2*

A beacon of innovation in the industrial realm of three-phase vacuums with its sturdy, AISI 304 stainless steel collection tank. This vacuum is compact but top of its category for power level and ability. Its advanced airflow performance allows up to 4 users to be cleaning.

Features:

- Maintenance free side channel blower for continuous use with no maintenance up to 30,000 hours.
- Integrated filter cleaning system.
- Pressure relief valve and clog gauge for filter/motor protection.



Voltage:	460 V - 60 Hz	Dimensions:	26" x 47" x 69"
Power:	11.5-HP	Weight:	397-lb
Waterlift:	108.4"	Noise Level:	75 dBA
Airflow:	482.6 CFM	Suction Inlet:	80 mm
Capacity:	26-gal	Filter Surface:	53.8 sq. ft.

Stock #	Description	Unit
473-1199	DG 86AF D2 Vacuum	EA
Replacement Filters		
473-1213	Class M Anti-Static Star Filter	EA
473-1193	Class H14 HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

DG KW4 D1 Industrial Vacuum*Class I, Division 2; Class II, Divisions 1 and 2*

A vacuum with high power, filtration efficiency, and collection capacity. Meets requirements for Class I, Division 2 Group D and Class II, Divisions 1 and 2 Group E*, F, and G. This is a robust system suited for workplaces that easily become plagued by hazardous dust, whether its potentially combustible or carcinogenic. Features a full AISI 304 stainless steel construction and a compact mobile design with earth grounding, and an added HEPA filter.

Features:

- Maintenance free side channel blower for continuous use.
- Tangential suction inlet with separation cyclone.
- Pressure relief valve and clog gauge for filter/motor protection.
- Integrated filter cleaning system.



Voltage:	460 V - 60 Hz	Dimensions:	26" x 47" x 67"
Power:	5-HP	Weight:	280-lb
Waterlift:	89.9"	Noise Level:	75 dBA
Airflow:	241.3 CFM	Suction Inlet:	80 mm
Capacity:	26-gal	Filter Surface:	56 sq. ft.

Stock #	Description	Unit
473-1301	DG KW4 D1 Vacuum	EA
Replacement Filters		
473-1200	Class M Anti-Static Star Filter	EA
473-1193	Class H14 HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

*Group E Metal Dust requires an immersion pre-seperant.

Airex 20 DS HEPA Vacuum

Class I, Division 2; Class II, Divisions 1 and 2

A lightweight pneumatic vacuum that's safe for cleaning in ATEX zones 1, 2, 21 and 22. Also, NFPA compliant for Class I, Division 2, Group D, and Class II, Divisions 1 and 2, Groups E*, F, and G requirements. A large surface polyester anti-static filter improves the performance and decreases the chances of clogging. Grounded and 100% AISI 304 stainless steel construction is the ideal solution for cleaning up dust and solids mixed with liquids in hazardous areas where compressed air is preferable to electricity.



Features:

- Compact, portable, and constructed with steel.
- Maintenance free Venturi system for continuous use.
- Low air consumption.
- Removable stainless steel collection tank.
- Dustop reverse pulse cleaning system.

Air Supply Pressure:	87 psi	Dimensions:	20" x 19" x 39"
Air Supply Hose:	3/8"	Weight:	79-lb
Waterlift:	164.6"	Noise Level:	73 dBA
Airflow:	88 CFM	Suction Inlet:	50 mm
Capacity:	5-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1331	Airex 20 DS Vacuum	EA

Replacement Filters

473-1076	Class M Anti-Static Cartridge Filter	EA
473-1001	Class H HEPA Filter	EA

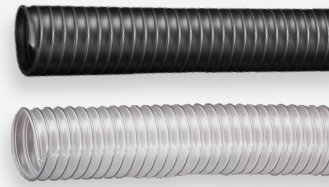
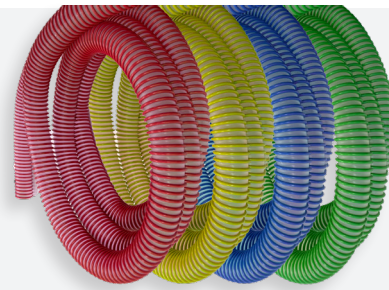
Optional Accessories

473-1002	Disposable Bag Ring Holder	EA
473-1156	Anti-Static Disposable Waste Bag	EA

Explosion-Proof Cuffs

Provide a connection point from vacuum system to accessories. Two cuffs needed per hose.

Stock #	Size	Color	Unit
473-1227	40 mm	Black	EA
473-1214	50 mm	Black	EA
473-1240	50-40 mm	Black	EA
Swivel Conductive Cuff			
473-1228	40 mm	Black	EA
473-1215	50 mm	Black	EA



Explosion-Proof Hose

Lightweight, polyethylene hose available in a variety of sizes, styles, and colors.

Stock #	Size	Color	Unit
Conductive Hose			
473-1241	40 mm	Black	FT
473-1242	50 mm	Black	FT
Food Grade Anti-Static Hose, Includes 2 Cuffs			
473-1307	40 mm x 3 m	Clear	EA
473-1308	50 mm x 3 m	Clear	EA
473-1309	40 mm x 10 m	Clear	EA
473-1310	50 mm x 10 m	Clear	EA
Conductive Food Grade Hose			
473-1370	40 mm	Red/Clear	FT
473-1371	50 mm	Red/Clear	FT
473-1372	40 mm	Yellow/Clear	FT
473-1373	50 mm	Yellow/Clear	FT
473-1366	40 mm	Blue/Clear	FT
473-1367	50 mm	Blue/Clear	FT
473-1368	40 mm	Green/Clear	FT
473-1369	50 mm	Green/Clear	FT

Explosion-Proof Hose Connections

Needed to connect the ends of your hose cuffs to the inlet on your vacuum system.

Stock #	Size	Unit
473-1185	50 to 40 mm	EA
473-1186	50 to 50 mm	EA
473-1188	80 to 40 mm	EA
473-1081	80 to 50 mm	EA



Explosion-Proof Accessory Connections

Connect between flexible hose and finishing accessories with no need for extensions.

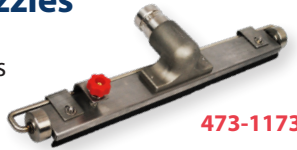
Stock #	Size	Unit
Straight Stainless Steel		
473-1042	40 mm	EA
473-1225	50 mm	EA



*Group E Metal Dust requires an immersion pre-separator.

Explosion-Proof Floor Nozzles

Made with adjustable casters to make cleaning tasks easier. These 17" nozzles attach to the double bend wand (sold separately).

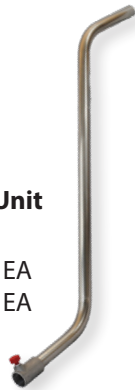


Stock #	Size	Style	Unit
Stainless Steel Nozzle			
473-1173	40 mm	Brush	EA
473-1174	50 mm	Brush	EA
473-1175	40 mm	Squeegee	EA
473-1176	50 mm	Squeegee	EA
Replacement Strips			
473-1178	17"L	Brush	EA
473-1179	17"L	Squeegee	EA

Explosion-Proof Wand

Ergonomic wand makes floor cleaning a breeze. Simply click the 52" wand into the wheeled floor nozzle (sold separately).

Stock #	Size	Style	Unit
Double Curve Wand			
473-1171	40 mm	Stainless Steel	EA
473-1172	50 mm	Stainless Steel	EA



Explosion-Proof Cleaning Nozzles

Universally made to fit both 38/40 mm (inside) and 50 mm (outside) connections.

- Anti-static.
- FDA approved.
- Autoclavable.
- Made from NDR rubber.



Stock #	Size	Color	Unit
7.67"L Cone			
473-1088	40 mm	Black	EA
7.08" x 4.72 Scraper			
473-1102	40 mm	Black	EA
Accessory Connector			
473-1042	40 mm	Stainless Steel	EA

Ensure Proper Conductivity

Explosion-Proof vacuums located on pages 4 to 7 should only be used with accessories found on pages 7 and 8.

473-1258



473-1254



473-1259



Overhead Tools

Overhead cleaning is now safer, faster, and smarter with these lightweight carbon fiber tools.

- Reduce workplace injuries—super lightweight.
- All overhead tools are black and anti-static.
- Interlocking head for adjustable length with 15 m (50') of reach from the ground.
- Quick assembly—no scaffolding needed.
- Small operational footprint.



473-1260

Stock #	Description	Size	Unit
Wands			
473-1253	5' Pro Overhead Wand	38/40 mm	EA
473-1256	2.6' Pro Overhead Wand	38/40 mm	EA
Attachments			
473-1258	Hose to Overhead Wand Adapter	38/40 mm	EA
473-1257	Straight Overhead Attachment	38/40 mm	EA
473-1254	90° Overhead Attachment	38/40 mm	EA
473-1262	45° Overhead Attachment	38/40 mm	EA
473-1261	135° Overhead Attachment	38/40 mm	EA
Tools			
473-1260	12" Floor/Wall Brush	38/40 mm	EA
473-1255	Overhead Round Brush	38/40 mm	EA
473-1259	Overhead Bulk Suction Nozzle	38/40 mm	EA
473-1263	Overhead Crevice Tool	38/40 mm	EA

Explosion-Proof Dust Brushes

Perfect for floor or high spot cleaning with a replaceable head. The 40 mm diameter end fits both 38/40 mm (inside) and 50 mm (outside) hose cuffs.

- Anti-static.
- Made from NDR Rubber.
- Nylon bristles.



Stock #	Size	Color	Unit
3" Round Head			
473-1082	40 mm	Black	EA
4" x 6" Square Head			
473-1153	40 mm	Black	EA
Accessory Connector			
473-1042	40 mm	Stainless Steel	EA

Zefiro EV AP 500 Dust Collector

Designed to collect suspended dust particles in working environments. An electric fan allows the machine to reach high airflow levels at a constant top vacuum performance. The machine can be either supplied with a suction arm installed on it or added directly onto the assembly line. ATEX certified version is also available.

Features:

- Applications of dry, light, and fine suspended particles of dust.
- Ideal for 24/7 production cycles.
- Complete powder coated steel structure.
- Offers polyester L class with manual filter cleaning system.
- High airflow dust collector.
- Options single or double arm for localized suction (sold separately).



Voltage:	230 V or 460 V - 60 Hz	Dimensions:	24" x 25" x 87"
Power:	3.5-HP	Weight:	221-lb
Waterlift:	14.2"	Noise Level:	72 dBA
Airflow:	765.2 CFM	Suction Inlet:	150 mm
Capacity:	26-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1352	ZFR EV AP 500 Dust Collector	EA
Replacement Filters		
473-1355	Class L Polyester Star Filter	EA
Optional Accessories		
473-1252	6" Dia x 10' Suction Arm for Dust Collector	EA
473-1351	150 to 150 mm (6" to 6") Iron Flanged Reducer	EA
473-1353	150 to 100 to 100 mm (6" to 4" to 4") 2-Way Iron Flanged Reducer	EA

Zefiro EV AP 560 PN Dust Collector

An automatic reverse pulse system on this model cleans the filter cartridges to maximize performance and avoid breaks in productivity. The electric fan allows the unit to reach a high airflow level and constant top vacuum performance. The machine can be either supplied with a suction arm installed on it or added directly onto the assembly line. ATEX certified version is also available.

Features:

- Pneumatic reverse pulse cleaning system.
- Nylon air exhaust diffuser.
- Removable collection tank.
- Complete powder coated steel structure.
- Four cartridge filtration system.
- Options single or double arm for localized suction (sold separately).



Voltage:	230 V or 460 V - 60 Hz	Dimensions:	31" x 33" x 98"
Power:	3.5-HP	Weight:	276-lb
Waterlift:	14.2"	Noise Level:	72 dBA
Airflow:	765 CFM	Suction Inlet:	150 mm
Capacity:	26-gal	Filter Surface:	114 sq. ft.

Stock #	Description	Unit
473-1251	ZFR EV AP 560 PN Dust Collector	EA
Replacement Filters		
473-1265	Class M Anti-Static Cartridge Filter	EA
473-1266	Class M HEPA Filter	EA
Optional Accessories		
473-1252	6" Dia x 10' Suction Arm for Dust Collector	EA
473-1351	150 to 150 mm (6" to 6") Iron Flanged Reducer	EA
473-1353	150 to 100 to 100 mm (6" to 4" to 4") 2-Way Iron Flanged Reducer	EA

Zefiro EV AP 560 Dust Collector

Designed to be directly integrated into production lines and to collect light chips and fine suspended dust at the source. This machine can be either supplied with a suction arm installed or be directly installed on production lines. Ideal and safe for the recovery of very thin chips, guaranteeing top recovery efficiency.

Features:

- Nylon air exhaust diffuser.
- Ideal for 24/7 production cycles.
- Complete powder coated steel structure.
- Offers polyester anti-static M class with manual filter cleaning system.
- High airflow dust collector.
- Accessory basket included.
- Options single or double arm for localized suction (sold separately).



Voltage:	230 V or 460 V - 60 Hz	Dimensions:	31" x 33" x 98"
Power:	6.4-HP	Weight:	287-lb
Waterlift:	15.7"	Noise Level:	74 dBA
Airflow:	1059.4 CFM	Suction Inlet:	150 mm
Capacity:	26-gal	Filter Surface:	54 sq. ft.

Stock #	Description	Unit
473-1350	ZFR EV AP 560 Dust Collector	EA
Replacement Filters		
473-1361	Class M Anti-Static Star Filter	EA
Optional Accessories		
473-1252	6" Dia x 10' Suction Arm for Dust Collector	EA
473-1351	150 to 150 mm (6" to 6") Iron Flanged Reducer	EA
473-1353	150 to 100 to 100 mm (6" to 4" to 4") 2-Way Iron Flanged Reducer	EA

Mistral 301 DS Industrial Vacuum

Perfect starter vacuum for plants needing to manage small to medium amounts of dust. Compact, but has plenty of power with its single-phase motor. This machine is user-friendly, and extremely safe with its large surface industrial filter.

Features:

- Automatic start/stop option for power tool connections (600 watt socket).
- For dry applications only.
- Dustop filter cleaning system using pressure differential.
- Stainless steel tank and chamber options available.
- Powerful bypass motor with independent cooling.



Voltage:	115 V - 60 Hz	Dimensions:	18" x 19" x 33"
Power:	1.3-HP	Weight:	55-lb
Waterlift:	90.1"	Noise Level:	74 dBA
Airflow:	105.9 CFM	Suction Inlet:	50 mm
Capacity:	3.4-gal	Filter Surface:	22 sq. ft.

Stock #	Description	Unit
473-1055	301 DS Vacuum	EA
Replacement Filters		
473-1376	Class M Cartridge Filter	EA
473-1001	Class H HEPA Filter	EA

Mistral 202 DS Industrial Vacuum

A versatile and lightweight machine that solves cleaning and dust extraction problems from any type of laboratory or production plant. Its compact size ensures easy mobility without lacking power and performance. This vacuum has a AISI 304 stainless steel construction and polyester PTFE filter with additional HEPA filtration.

Features:

- Best filtration of its category.
- Extra filter surface and indicator light.
- Dustop cleaning system using pressure differential.



Voltage:	115 V - 60 Hz	Dimensions:	23" x 19" x 43"
Power:	2.7-HP	Weight:	77-lb
Waterlift:	90.1"	Noise Level:	76 dBA
Airflow:	211.9 CFM	Suction Inlet:	50 mm
Capacity:	5-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1269	202 DS Vacuum	EA
Replacement Filters		
473-1377	Class M PTFE Polyester Cartridge Filter	EA
473-1001	Class H14 HEPA Filter	EA
Optional Accessories		
473-1002	Disposable Bag Ring Holder	EA
473-1156	Anti-Static Disposable Waste Bag	EA

Mistral 452 Industrial Vacuum

Ideal for cleaning and handling small and medium amounts of materials/collecting dust in the food and pharmaceutical industries, and the cereal milling industry. Extremely flexible and robust, it combines the sturdiness and performance of a true industrial vacuum system, while being very easy to use. Can simultaneously pickup solids, powders, and liquids with a floating device, and was built to sustain high heat levels of applications such as oven cleaning.

Features:

- 100% steel construction.
- High filtration efficiency and filter clogging detector.
- Integrated filter cleaning system.
- Detachable collection bin with possibility of using disposable bags.



Voltage:	115 V - 60 Hz	Dimensions:	23" x 25" x 49"
Power:	2.7-HP	Weight:	121-lb
Waterlift:	90.1"	Noise Level:	76 dBA
Airflow:	211.9 CFM	Suction Inlet:	80 mm
Capacity:	12-gal	Filter Surface:	30 sq. ft.

Stock #	Description	Unit
473-1196	452 Vacuum	EA
Replacement Filters		
473-1077	Class L Star Filter	EA
473-1001	Class H14 HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

DM 3 Industrial Vacuum

Easy to use system with three powerful single-phase motors with independent cooling, a large filter with 3 sq. m. surface area, and a 100 L container, making it suitable and safe for any industrial application involving picking up wet or dry dust solids and liquids. Suitable for work environments where ongoing cleaning is recommended, such as food and beverage, pharmaceutical, and metal industries.

Features:

- 100% steel construction, compact, and sturdy.
- Integrated manual filter shaker.
- Easy filter replacement.
- Detachable collection bin with possibility of using disposable bags.
- Cord wrap and accessory caddy.



Voltage:	115 V - 60 Hz	Dimensions:	30" x 26" x 59"
Power:	3-HP	Weight:	187-lb
Waterlift:	80.9"	Noise Level:	76 dBA
Airflow:	282.5 CFM	Suction Inlet:	80 mm
Capacity:	26-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1198	DM3 Vacuum	EA
Replacement Filters		
473-1200	Class M Anti-Static Polyester Star Filter	EA
473-1050	Class H14 HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

DM 40 WD Industrial Vacuum

High-performance system with the largest liquid capacity in the Delfin range. Features a detachable container with the option to use disposable bags. This vacuum combines great portability with outstanding functionality and three bypass motors, which provide an ironclad solution for workplaces that consistently encounter the pooling of thick liquids.

Features:

- 100% steel construction.
- Integrated filter cleaning system.
- Optional extra-large star filter.



Voltage:	115 V - 60 Hz	Dimensions:	27" x 25" x 49"
Power:	3-HP	Weight:	110-lb
Waterlift:	98.4"	Noise Level:	76 dBA
Airflow:	318 CFM	Suction Inlet:	80 mm
Capacity:	32-gal	Filter Surface:	22 sq. ft.

Mistral 802 WXP w/ Pump Industrial Vacuum

Perfect for cleaning plants that are burdened by a lot of liquid waste mixed with dust. Has two powerful single-phase motors, and features a AISI 304 stainless steel liquid container with immersed pump, which makes it possible to suck up and discharge liquid simultaneously. Discharges 26 GPM.

Features:

- 100% steel construction, compact and sturdy.
- Polypropylene anti-foam 300 micron wet filter.
- Floating device and liquid discharge hose.

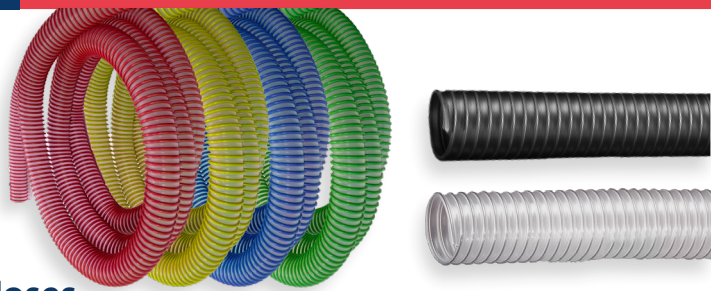


Voltage:	115 V - 60 Hz	Dimensions:	21" x 23" x 42"
Power:	2.7-HP	Weight:	110-lb
Waterlift:	90.1"	Noise Level:	76 dBA
Airflow:	211.9 CFM	Suction Inlet:	50 mm
Capacity:	21-gal	Filter Surface:	9 sq. ft.

Stock #	Description	Unit
473-1191	802 WXP with Pump Vacuum	EA
Replacement Filters		
473-1204	Class L Wet Nylon Filter	EA
473-1205	Class L Polypropylene Dry Filter	EA



Stock #	Description	Unit
473-1197	DM40 WD Vacuum	EA
Replacement Filters		
473-1203	Class L Poly Filter Bag	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA



Hoses

Lightweight, polyethylene hose available in a variety of sizes, styles, and colors.

Stock #	Size	Color	Unit
Anti-Static Hose			
473-1241	40 mm	Black	FT
473-1242	50 mm	Black	FT
Food Grade Anti-Static Hose, Includes 2 Cuffs			
473-1307	40 mm x 3 m	Clear	EA
473-1308	50 mm x 3 m	Clear	EA
473-1309	40 mm x 10 m	Clear	EA
473-1310	50 mm x 10 m	Clear	EA
Conductive Food Grade Hose			
473-1370	40 mm	Red/Clear	FT
473-1371	50 mm	Red/Clear	FT
473-1372	40 mm	Yellow/Clear	FT
473-1373	50 mm	Yellow/Clear	FT
473-1366	40 mm	Blue/Clear	FT
473-1367	50 mm	Blue/Clear	FT
473-1368	40 mm	Green/Clear	FT
473-1369	50 mm	Green/Clear	FT

Hose Connections

Needed to connect the ends of your hose cuffs to the inlet on your vacuum system.

Stock #	Size	Unit
Steel		
473-1154	50 to 40 mm	EA
473-1004	50 to 50 mm	EA
473-1187	80 to 40 mm	EA
473-1062	80 to 50 mm	EA
473-1048	80 to 70 to 70 mm	EA
Stainless Steel		
473-1185	50 to 40 mm	EA
473-1186	50 to 50 mm	EA
473-1188	80 to 40 mm	EA
473-1081	80 to 50 mm	EA



Accessory Connections

Connect between flexible hose and finishing accessories with no need for extensions.

Stock #	Size	Unit
Straight Aluminum		
473-1070	40 mm	EA
473-1054	50 mm	EA
Straight Stainless Steel		
473-1042	40 mm	EA
473-1225	50 mm	EA
Galvanized Steel Curved		
473-1231	50 mm	EA



Hose Cuffs

Provide a connection point from vacuum system to accessories. Two needed per hose.

Stock #	Size	Color	Unit	Stock #	Size	Color	Unit
Standard Anti-Static Hose Cuff				Swivel Anti-Static Hose Cuff			
473-1227	40 mm	Black	EA	473-1228	40 mm	Black	EA
473-1214	50 mm	Black	EA	473-1215	50 mm	Black	EA



Scraping Nozzle

Fully color-coded nozzles are FDA approved, and autoclavable.

- Dimension: 7.08" x 4.72".
- Black nozzle is anti-static and made from NDR rubber.
- Clear is silicone for food/pharmaceutical industries.



Stock #	Size	Color	Unit
473-1100	40 mm	White	EA
473-1097	40 mm	Red	EA
473-1099	40 mm	Yellow	EA
473-1101	40 mm	Blue	EA
473-1098	40 mm	Green	EA
473-1102	40 mm	Black	EA
473-1103	40 mm	Clear	EA

Cone Nozzle

FDA approved, autoclavable nozzles are fully color-coded.

- 7.67" in length.
- Black nozzle is anti-static and made from NDR rubber.
- Clear is silicone for food/pharmaceutical industries, and includes a stainless steel connector.



Stock #	Size	Color	Unit
473-1086	40 mm	White	EA
473-1083	40 mm	Red	EA
473-1085	40 mm	Yellow	EA
473-1087	40 mm	Blue	EA
473-1084	40 mm	Green	EA
473-1088	40 mm	Black	EA
473-1089	40 mm	Clear	EA

Accessory Connectors

473-1070	38/40 mm	Aluminum	EA
473-1054	50 mm	Aluminum	EA

Accessory Connectors

473-1070	38/40 mm	Aluminum	EA
473-1054	50 mm	Aluminum	EA

Double Bend Wand for Floor Nozzles

Ergonomic wand makes floor cleaning a breeze. Simply click the 52" wand into the wheeled floor nozzle (sold separately).

Stock #	Size	Unit
Aluminum		
473-1170	40 mm	EA
473-1058	50 mm	EA
Stainless Steel		
473-1171	40 mm	EA
473-1172	50 mm	EA



Wheeled Floor Nozzles

Made with adjustable casters to make cleaning tasks easier. These 17" nozzles attach to the double bend wand (sold separately). Two replacement strips needed per nozzle.

Stock #	Size	Style	Unit
Powder Coated Nozzle			
473-1177	40 mm	Brush	EA
473-1059	50 mm	Brush	EA
473-1169	40 mm	Squeegee	EA
473-1162	50 mm	Squeegee	EA
Stainless Steel Nozzle			
473-1173	40 mm	Brush	EA
473-1174	50 mm	Brush	EA
473-1175	40 mm	Squeegee	EA
473-1176	50 mm	Squeegee	EA
Replacement Strips			
473-1178	17"L	Brush	EA
473-1179	17"L	Squeegee	EA



Round Dust Brush

Great for floor or high spot cleaning with a 3" Dia head.

- Fully color-coded.
- FDA approved.
- Autoclavable.
- Nylon bristles.

Stock #	Size	Color	Unit
473-1030	40 mm	White	EA
473-1027	40 mm	Red	EA
473-1029	40 mm	Yellow	EA
473-1031	40 mm	Blue	EA
473-1028	40 mm	Green	EA
473-1082	40 mm	Black	EA
Accessory Connectors			
473-1070	38/40 mm	Aluminum	EA
473-1054	50 mm	Aluminum	EA



Overhead Tools

Overhead cleaning is now safer, faster, and smarter with these lightweight carbon fiber tools.

- Reduce workplace injuries—super lightweight.
- All overhead tools are black and anti-static.
- Interlocking head for adjustable length with 15 m (50') of reach from the ground.
- Quick assembly—no scaffolding needed.
- Small operational footprint.

Stock #	Description	Size	Unit
Wands			
473-1253	5' Pro Overhead Wand	38/40 mm	EA
473-1256	2.6' Pro Overhead Wand	38/40 mm	EA
Attachments			
473-1258	Hose to Overhead Wand Adapter	38/40 mm	EA
473-1257	Straight Overhead Attachment	38/40 mm	EA
473-1254	90° Overhead Attachment	38/40 mm	EA
473-1262	45° Overhead Attachment	38/40 mm	EA
473-1261	135° Overhead Attachment	38/40 mm	EA
Tools			
473-1260	12" Floor/Wall Brush	38/40 mm	EA
473-1255	Overhead Round Brush	38/40 mm	EA
473-1259	Overhead Bulk Suction Nozzle	38/40 mm	EA
473-1263	Overhead Crevice Tool	38/40 mm	EA

Square Dust Brush

Perfect for floor or high spot cleaning with a 4" x 6" head.

- Fully color-coded.
- FDA approved.
- Autoclavable.
- Nylon bristles.

Stock #	Size	Color	Unit
473-1025	40 mm	White	EA
473-1022	40 mm	Red	EA
473-1024	40 mm	Yellow	EA
473-1026	40 mm	Blue	EA
473-1023	40 mm	Green	EA
473-1153	40 mm	Black	EA
Accessory Connectors			
473-1070	38/40 mm	Aluminum	EA
473-1054	50 mm	Aluminum	EA



Air 45 2V Industrial Vacuum

Ideal for picking up dust and solids mixed with liquids in places where compressed air is preferable to electric energy. This compressed air option features two powerful air-driven Venturi units, which are maintenance free, a large surface anti-static filter with handy manual shaker, and a 12-gallon detachable container with the option of using bags.

Features:

- 100% steel construction.
- High filtration efficiency.
- Integrated automatic filter cleaning system.
- Low noise level.



Air Supply Pressure:	87 psi	Dimensions:	23" x 25" x 47"
Air Supply Hose:	3/8"	Weight:	108-lb
Waterlift:	164.6"	Noise Level:	73 dBA
Airflow:	176.6 CFM	Suction Inlet:	80 mm
Capacity:	12-gal	Filter Surface:	30 sq. ft.

Stock #	Description	Unit
473-1296	Air 45 2V Pneumatic Vacuum	EA
Replacement Filters		
473-1297	Class M Anti-Static Polyester Star Filter	EA
473-1001	Class H HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

Air DM 19V Industrial Vacuum

Air operated, and ideal for sucking up dust and solids mixed with liquids in places where compressed air is preferable to electric energy. Features one potent, compressed air-driven multi-Venturi suction unit, with no need for routine maintenance. The large 26-gallon detachable container ensures there's plenty of collection capacity.

Features:

- 100% steel construction, compact, and sturdy.
- Integrated manual filter shaker.
- Simultaneous suction of powders, liquids, and solids.
- Detachable collection bin with possibility of using disposable bags.



Air Supply Pressure:	87 psi	Dimensions:	24" x 24" x 63"
Air Supply Hose:	3/8"	Weight:	176-lb
Waterlift:	196.9"	Noise Level:	74 dBA
Airflow:	273.7 CFM	Suction Inlet:	80 mm
Capacity:	26-gal	Filter Surface:	32 sq. ft.

Stock #	Description	Unit
473-1295	Air DM 19V Pneumatic Vacuum	EA
Replacement Filters		
473-1200	Class M Anti-Static Polyester Star Filter	EA
473-1050	Class H14 HEPA Filter	EA
Optional Accessories		
473-1155	Disposable Bag Ring Holder	EA
473-1003	Anti-Static Disposable Waste Bag	EA

Complete your Industrial Vacuum Program with Shadow Boards from Nelson-Jameson

- Organize your tools, supplies, equipment, and materials.
- Shadow outlines with words to identify where tools should be when not in use.
- Account for missing tools and equipment, avoid time wasted looking for and replacing them, and ensure availability when needed next time.
- Shadow Boards can be designed to any size and style you require—use any color, include logos, messages, symbols, or even full color images.

Pro Series Acrylic

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- Pressure washable.
- Temperature range: -30° to 190°F.
- Antimicrobial properties.

Call today to start creating your custom Shadow Board.



HepaPro Battery-Operated Backpack Vacuum

Provides 90 minutes of peak vacuum power before recharging. The padded harness with handle allows for free arm movement and comfort.

- Four-stage filtration.
- Includes (2) Lithium-ion batteries, each battery offering 45 minutes of run time. Three hours to fully charge the battery.



Voltage:	36 V	Dimensions:	22"H
Power:	600 W	Weight:	15/19-lb
Waterlift:	70"	Noise Level:	65 dBA
Airflow:	80 CFM	Suction Inlet:	40 mm (1.5")
Capacity:	1.5/2.5-gal		

Stock #	Size	Unit
473-1277	1.5-gal (6-qt)	EA
473-1278	2.5-gal (10-qt)	EA

HepaPro Backpack Vacuum

Keep hands free with this portable vacuum. The padded harness with handle allows for user to comfortably wear this vacuum on their back.

- Two-stage Ametek motor with thermal protection.
- Four-stage filtration.

Motor:	1200 W/10A	Dimensions:	22"H
Power:	1.7-HP	Weight:	10/15-lb
Waterlift:	100"	Noise Level:	60 dBA
Airflow:	104 CFM	Suction Inlet:	40 mm (1.5")
Capacity:	1.5/2.5-gal		



Stock #	Size	Unit
473-1280	1.5-gal (6-qt)	EA
473-1279	2.5-gal (10-qt)	EA

BackPack Vacuum Accessories

Stock #	Description	Unit
Replacement Filters		
473-1284	Disposable Paper Bag For 1.5-gal HepaPro	EA
473-1285	Cloth Filter Bag For 1.5-gal HepaPro	EA
473-1286	HEPA Filter For 1.5-gal HepaPro	EA
473-1281	Disposable Paper Bag For 2.5-gal HepaPro	EA
473-1282	Cloth Filter Bag For 2.5-gal HepaPro	EA
473-1283	HEPA Filter For 2.5-gal HepaPro	EA
HepaPro Backpack Tools		
473-1287	1.5" x 6' Crushproof Hose	EA
473-1288	1.5" x 5'—2 Piece Aluminum Wands	EA
473-1289	1.5" Dia Round Dust Brush	EA
473-1290	1.5" x 14" Multi-Surface Floor Tool	EA
473-1291	1.5" x 17" Crevice Tool	EA
473-1292	1.5" x 5" Upholstery Tool	EA
Batteries and Accessories		
473-1303	Replacement Lithium-Ion Battery Pack	EA
473-1304	HepaPro Backpack Vacuum Battery Charger	EA
473-1305	Battery Belt Bag	EA

473-1286
473-1283

473-1285
473-1282



473-1284
473-1281



473-1288

473-1289



473-1291

473-1292

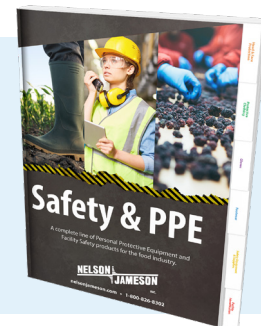


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Vacuum Information..... 2-3

Rated Vacuums 4-7

Explosion-Proof Accessories..... 7-8

Dust Collectors..... 9

Electric Vacuums 10-11

Standard Accessories 12-13

Pneumatic Vacuums 14

Backpack Vacuums & Accessories 15



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