



DEPURECO
INDUSTRIAL VACUUMS

DEPURECO
DV AIR 800

CENTRALIZED VACUUM SYSTEMS

***IF YOU HAVE A JOB TO DO
WE HAVE THE VACUUM
BUILT FOR IT***



PUMA FIX



PRODUCT DESCRIPTION

PUMA FIX mounts a double-stage side channel blower in parallel with high air flow. The tangential inlet together with the robust cyclone welded inside the filtration chamber, guarantee excellent efficiency even with the finest powders. The cleaning operations are totally autonomous and the involvement of the operator is not necessary. Depureco's PUMA FIX industrial vacuum cleaner is equipped with a practical and sturdy 46 gal container, equipped with a release system that allows you to collect the vacuumed material and dispose of it with ease.

OPTIONS



HEPA
Absolute H14 filter
0,18 μ
17.050 in²



E.P. WITH DISPLAY
Management and monitoring software with touch screen panel



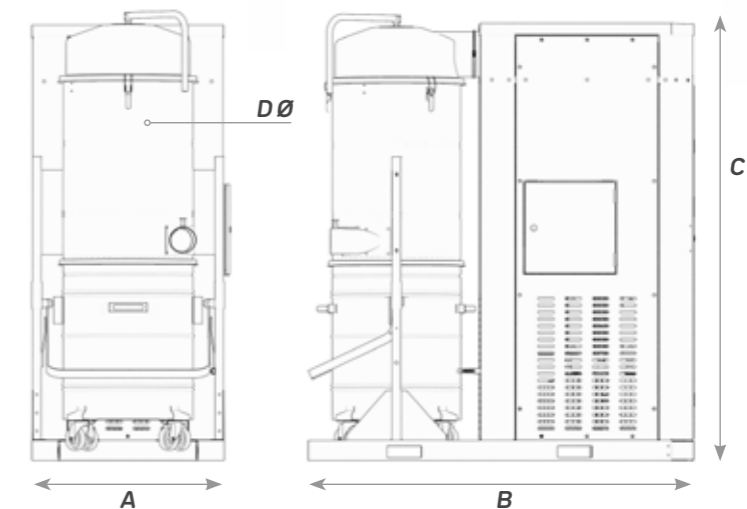
INVERTER
Automatic suction speed management system for multi-operator systems



TECHNICAL DATA

	Power HP	Voltage/ Frequency/ V - HZ	Air flow CFM	MAX vacuum inH2O	Vacuum in continuous inH2O	Filter system in ²	Filter in ²	Noise level dB (A)	Deep in	Length in	Height in	Chamber diameter in
			std	std	std	SP	HEPA*		A	B	C	D Ø
PUMA FIX												
10	8.7	480 - 60	383	93	72	18.600	17.050	74	33	67	77.5	22.5
15 P	12	480 - 60	565	75	60	18.600	17.050	74	33	67	77.5	22.5
15 S	16.9	480 - 60	200	200	180	18.600	17.050	74	33	67	77.5	22.5
18 P	16.9	480 - 60	520	110	90	18.600	17.050	74	33	67	77.5	22.5
18 S	16.8	480 - 60	380	155	135	18.600	17.050	74	33	67	77.5	22.5
20	17.4	480 - 60	459	125	110.5	18.600	17.050	74	33	67	77.5	22.5
25	28.6	480 - 60	540	135	120	18.600	17.050	74	33	67	77.5	22.5

* Optional HEPA filter for all models



HF



PRODUCT DESCRIPTION

The HF industrial vacuum cleaner is a model designed for the creation of centralized multi-operator systems, even large ones or for the transport of material from one place to another. The very powerful turbine is installed in the rear part of the aspirator protected by a sheet metal cover which also reduces the noise level. The front cylindrical chamber houses a large surface filtration system with automatic filter cleaning system. Specifically, there are 4 independent cartridges in category M antistatic polyester, capable of retaining dust up to 1 micron in particle size.

OPTIONS



SP
Automatic reverse jet cleaning system



INVERTER
Automatic suction speed management system for multi-operator systems.



HEPA
Absolute H14 filter
0,18 μ
4.340/
17.050



E.P. WITH DISPLAY
Management and monitoring software with touch screen panel.



SP SYSTEM (optional)
Automatic reverse jet cleaning system



TANGENTIAL INLET
With cyclonic effect



SIDE CHANNEL BLOWER
From 6.4 to 29.5 HP



ELECTRICAL PANEL

DISCHARGE IN BIG BAG

DISCHARGE SYSTEM



Manual discharge butterfly valve



Balanced flap



Double electro pneumatic discharging butterfly valve



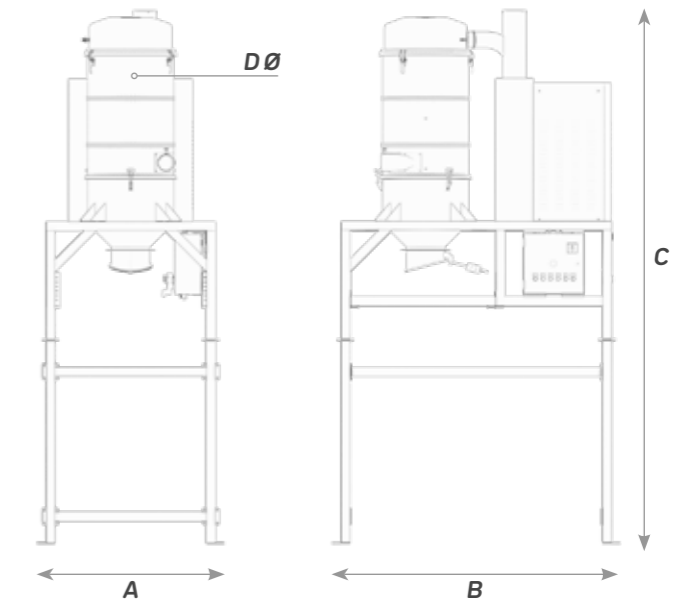
Rotary valve for continuous hopper discharge

* Discharge system not included



TECHNICAL DATA

	Power HP	Voltage/ Frequency V - HZ	Air flow CFM <i>std</i>	MAX vacuum inH2O <i>std</i>	Vacuum in continuous inH2O <i>std</i>	Filter system in ²			Noise level dB (A)	Deep in A	Length in B	Height in C	Chamber diameter in D Ø
						PSC	SP**	HEPA*					
HF 5.5	6.4	480 - 60	171	120	100	3.720	13.950	4.340	73	49	75	137	21.6
HF 10	8.7	480 - 60	383	93	72	6.975	18.600	17.050	74	49	75	137	21.6
HF 15 P	12	480 - 60	565	75	60	6.975	18.600	17.050	74	49	75	137	21.6
HF 15 S	16.9	480 - 60	200	200	180	6.975	18.600	17.050	74	49	75	137	21.6
HF 18	16.9	480 - 60	520	110	90	6.975	18.600	17.050	74	49	75	137	21.6
HF 30 P	29.5	480 - 60	1017	80	65.5	17.050	27.900	17.050	78	49	75	137	21.6
HF 30 S	28.6	480 - 60	520	190	170	17.050	27.900	17.050	78	49	75	137	21.6
HF 35 P	28.6	480 - 60	1150	85	68	17.050	27.900	17.050	78	49	75	137	21.6
HF 300	4.6	480 - 60	300	90	80	3.720	13.950	4.340	74	54	27	77	21.6



CENTRALIZED VACUUM SYSTEMS

CVS



PRODUCT DESCRIPTION

The CVS (Central Vacuum System) is the unit that generates the vacuum inside the centralized system. Based on the necessary performance, therefore, the type of material, the distance of the pipes, the contemporaneity of the suction vents, the unit is sized according to the customer's needs. Depureco CVS are modular and allow you to install many vacuum pumps in order to always guarantee the best performance for each system.

OPTIONS



HEPA

Absolute H14 filter
0,18 μ
4.340/
17.050



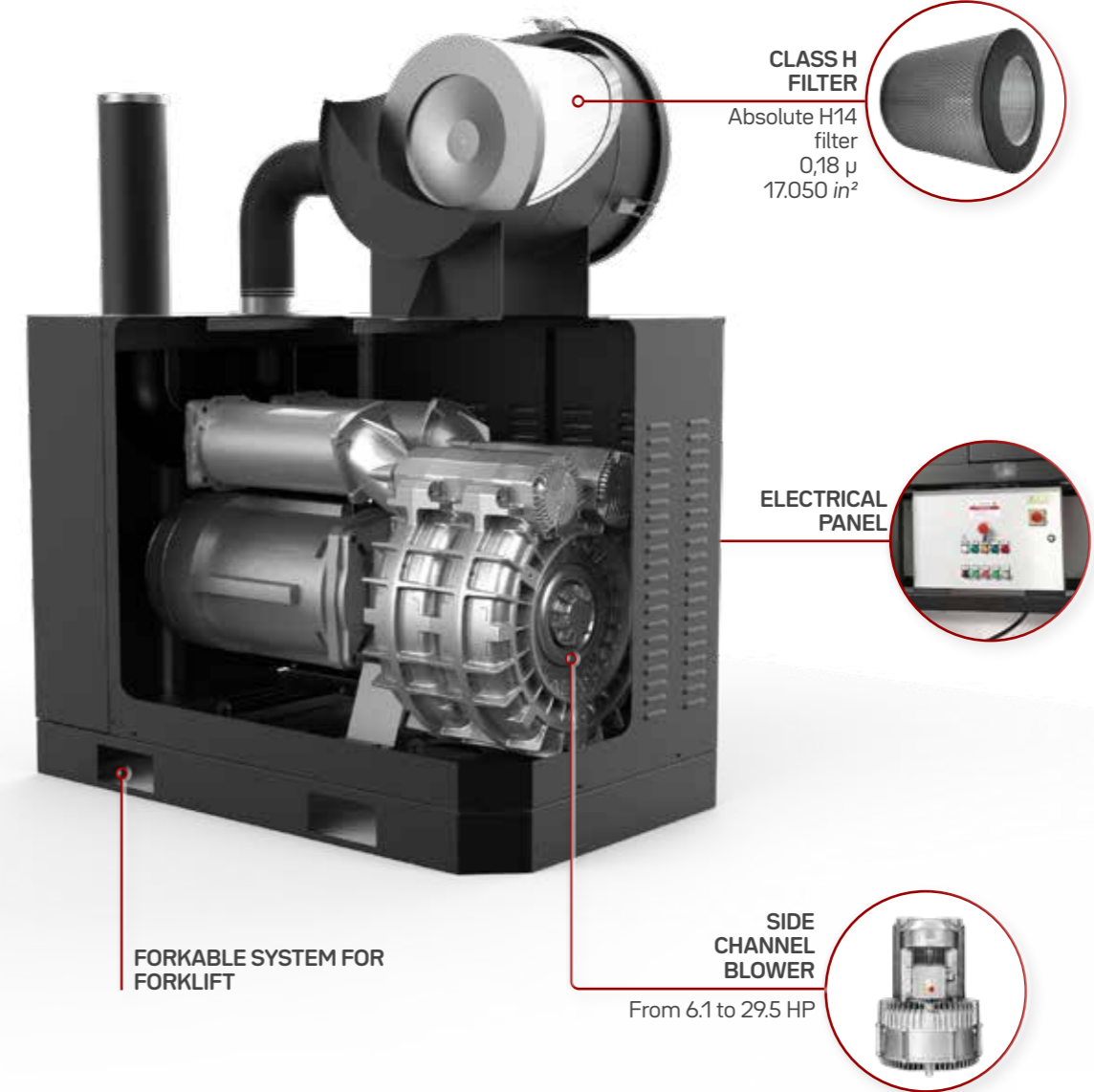
E.P. WITH DISPLAY

Management and monitoring software with touch screen panel.



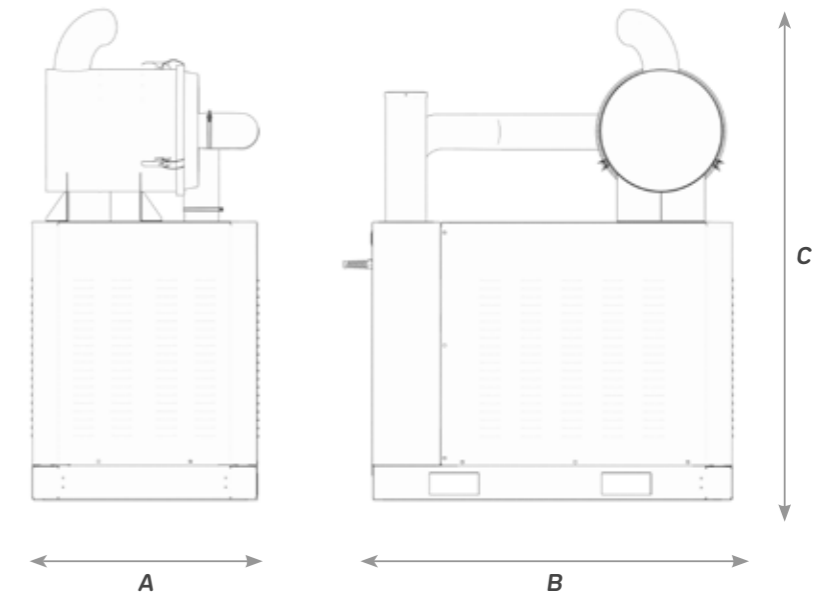
INVERTER

Automatic suction speed management system for multi-operator systems.



TECHNICAL DATA

	Power HP	Voltage/ Frequency V - HZ	Air flow CFM	MAX vacuum inH2O	Vacuum in continuous inH2O	Filter in²	Noise level dB [A]	Deep in	Length in	Height in
			std	std	std	HEPA*		A	B	C
CVS 40 P	6.4	480 - 60	171	120	100	4.340	73	32	52	71
CVS 40 S	6.1	480 - 60	150	145	125	4.340	74	32	52	71
CVS 55 P	8.7	480 - 60	285	100	80	17.050	74	32	52	71
CVS 75	8.7	480 - 60	383	93	72	17.050	74	32	52	71
CVS 110 P	12	480 - 60	565	75	60	17.050	74	32	52	71
CVS 110 S	16.9	480 - 60	200	200	180	17.050	74	32	52	71
CVS 125 P	16.9	480 - 60	520	110	90	17.050	74	32	52	71
CVS 125 S	16.8	480 - 60	380	155	135	17.050	78	32	52	71
CVS 150	17.4	480 - 60	459	125	110.5	17.050	78	32	52	71
CVS 185	28.6	480 - 60	540	135	120	17.050	78	32	52	71
CVS 200 P	29.5	480 - 60	1107	80	65.5	17.050	78	32	52	71
CVS 200 S	28.6	480 - 60	520	190	170	17.050	78	32	52	71
CVS 250	28.6	480 - 60	1150	85	68	17.050	78	32	52	71



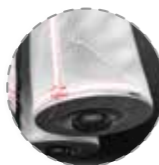
DV-AIR 800



PRODUCT DESCRIPTION

DV-AIR 800 is the filter unit for centralized systems, medium and large, where there are quantities of important material or the presence of difficult to filter dust. Thanks to its flexibility and the filtration system using antistatic polyester cartridges, with the possibility of using PPL protective socks, it allows to treat a wide range of pollutants even in the presence of high temperatures and humidity, guaranteeing efficiency and cleanliness of the production lines, the air quality of the production environment and the protection of those who work.

OPTIONS



FILTER PROTECTION SLEEVE

Optional sleeve for seeds and granulates.



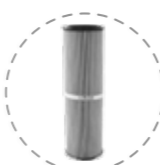
LEVEL CONTROL

Rotatory level detector



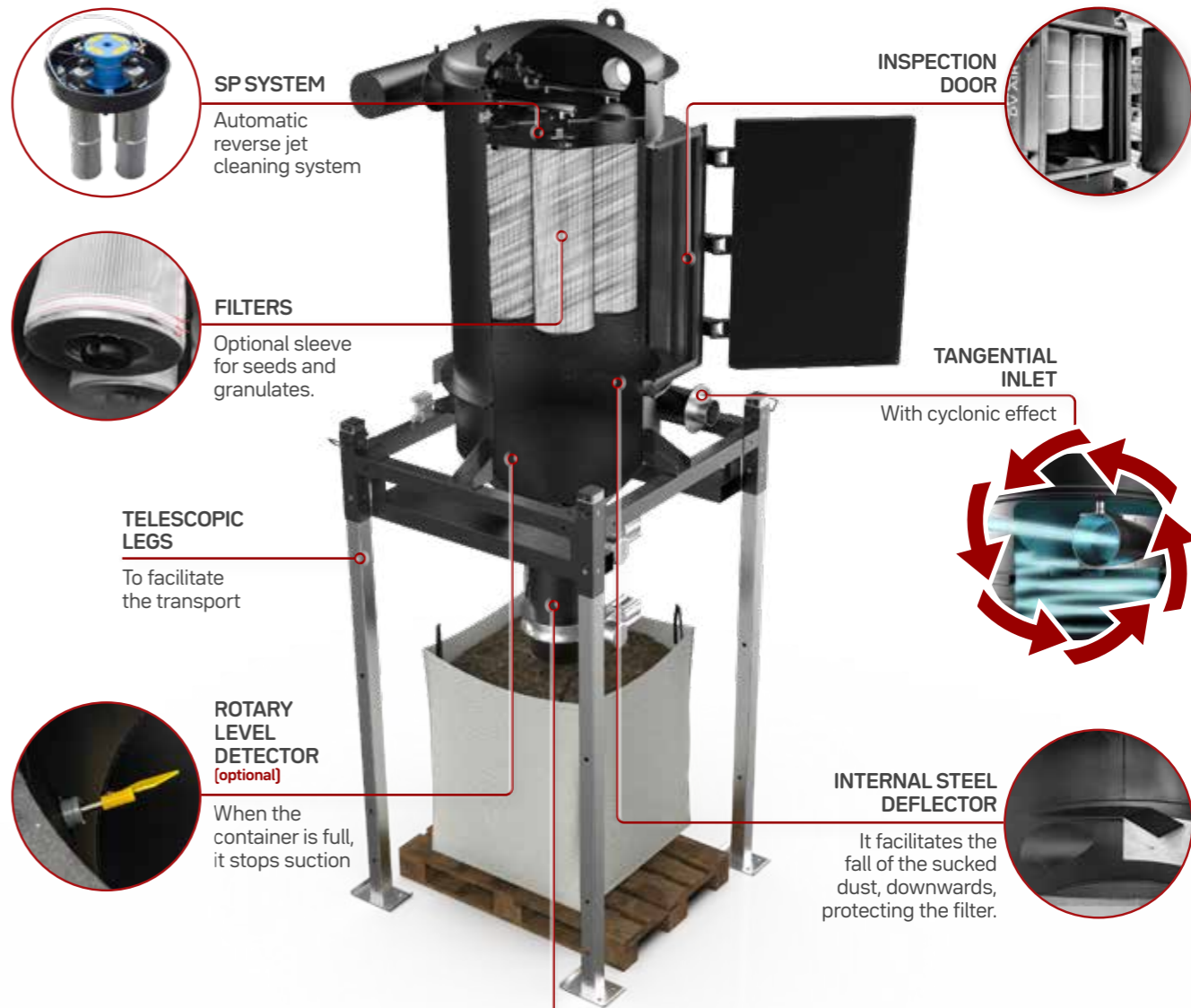
HEPA

Absolute H14 filter
0,18 μ
17.050 in²



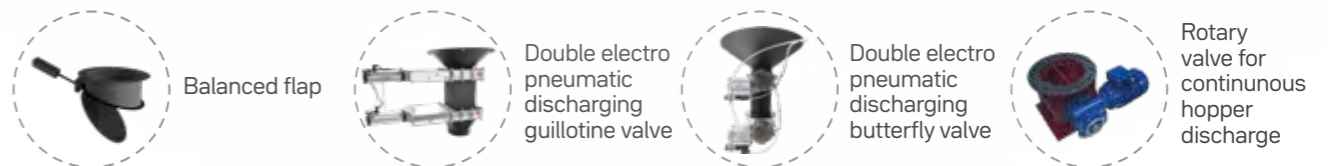
PTFE FILTER

Teflon filter cartridge.



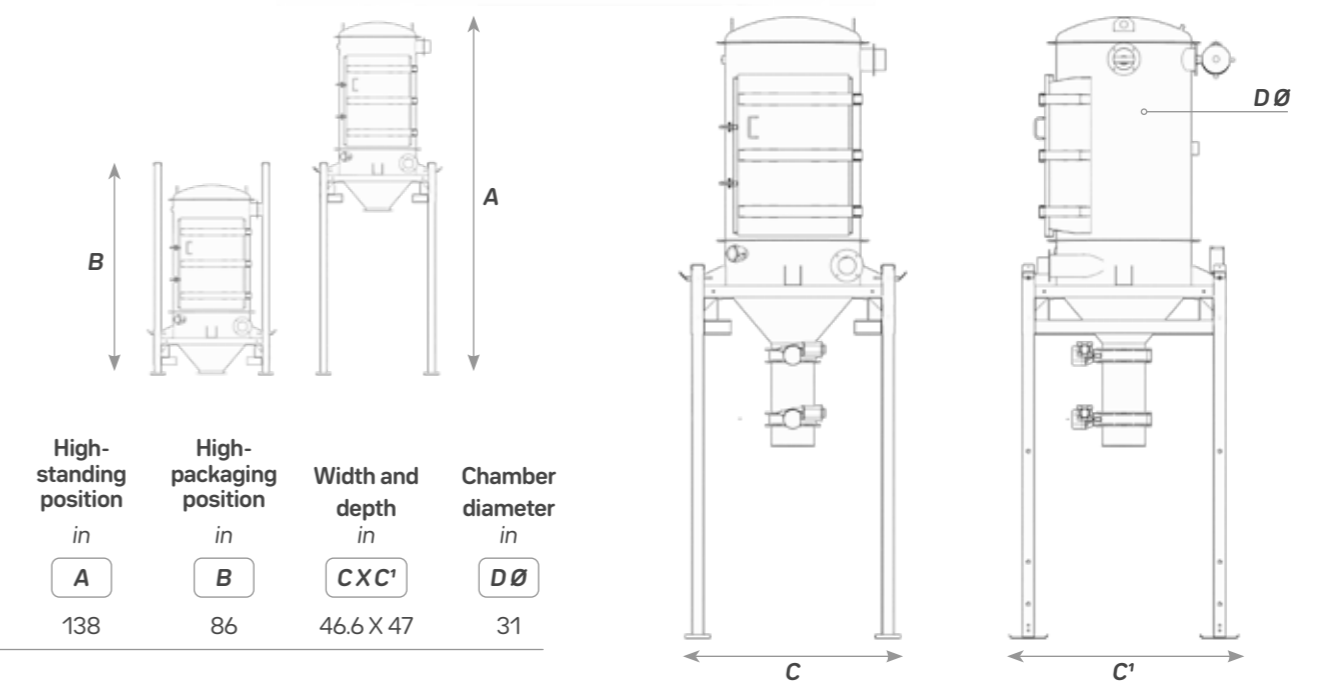
DISCHARGE SYSTEM

* Discharge system not included



TECHNICAL DATA

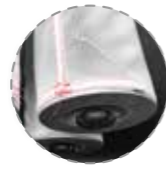
	Air tank volume gal	Valve N°	Cartridges N° in	Surface area in ²	Media	Weight lbs
DV AIR 800	4	2 x 1"	4 9 x 28	52.700	Polyester	838



PRODUCT DESCRIPTION

DV-AIR Flow is the high air flow filter unit par excellence useful for centralized systems, for dusts, even very fine ones. With DV-AIR it is possible to operate in several points of the production process at the same time, with different collection points. Inside the filter there are 4 large surface filter cartridges in antistatic polyester (52.700 in²), certified in class M with a filtration efficiency of 1 micron, to suck up electrostatically charged dust in total safety. The four cartridges can be coated with a protective sock, so as to protect the filters during the aspiration of solid and or granular parts. A side window allows you to perform maintenance on the filters with extreme simplicity. The DV AIR unit can be equipped with various automatic pneumatic discharging systems to maximize productivity and facilitate discharge into Big-bags.

OPTIONS



FILTER PROTECTION SLEEVE
Optional sleeve for seeds and granulates.



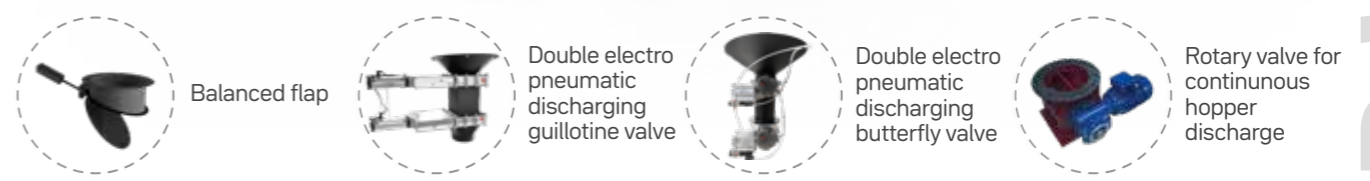
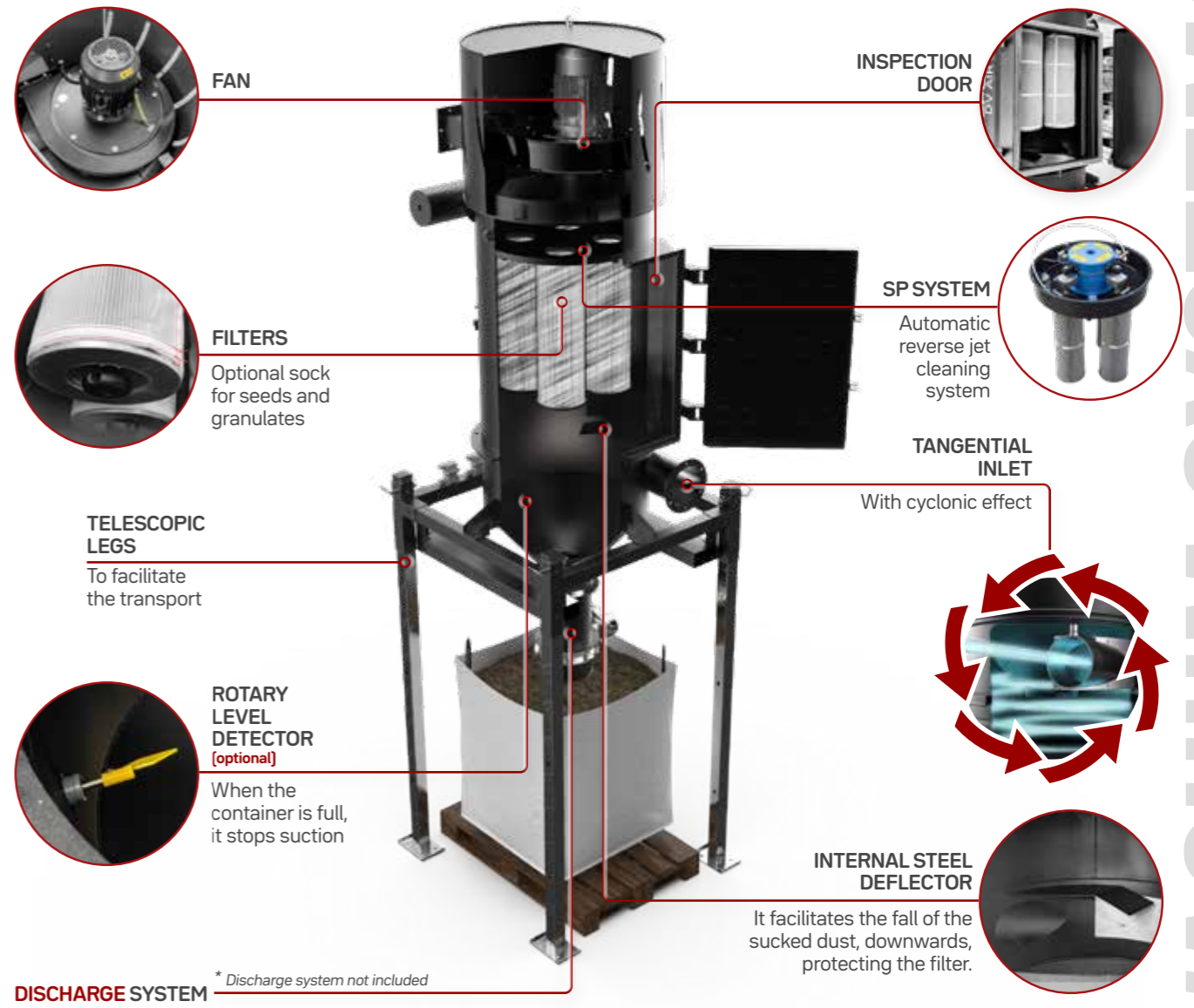
LEVEL CONTROL
Rotatory level detector



HEPA
Absolute H14 filter
0,18 μ
17.050 in²

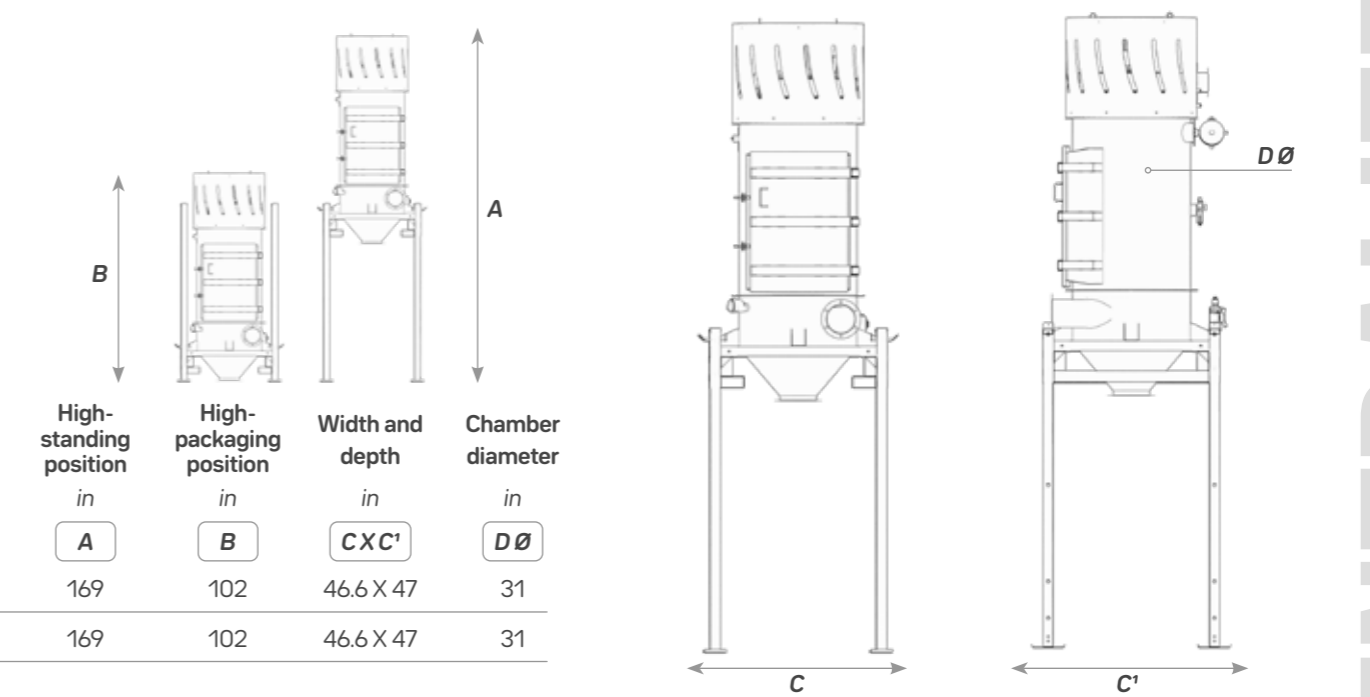


PTFE FILTER
Teflon filter cartridge.



TECHNICAL DATA

	Power HP	Voltage/ Frequency V - HZ	Max air flow CFM	Max depression in/H ₂ O	Static depression in/H ₂ O	Cartridges N° in	Surface in ²	Media	Weight lbs
AF 40	6.2	480 - 60	1295	15.7	13.7	4 9 x 28	52.700	Antistatic polyester	902
AF 55	8.5	480 - 60	1589	25.9	25.2	4 9 x 28	52.700	Antistatic polyester	952

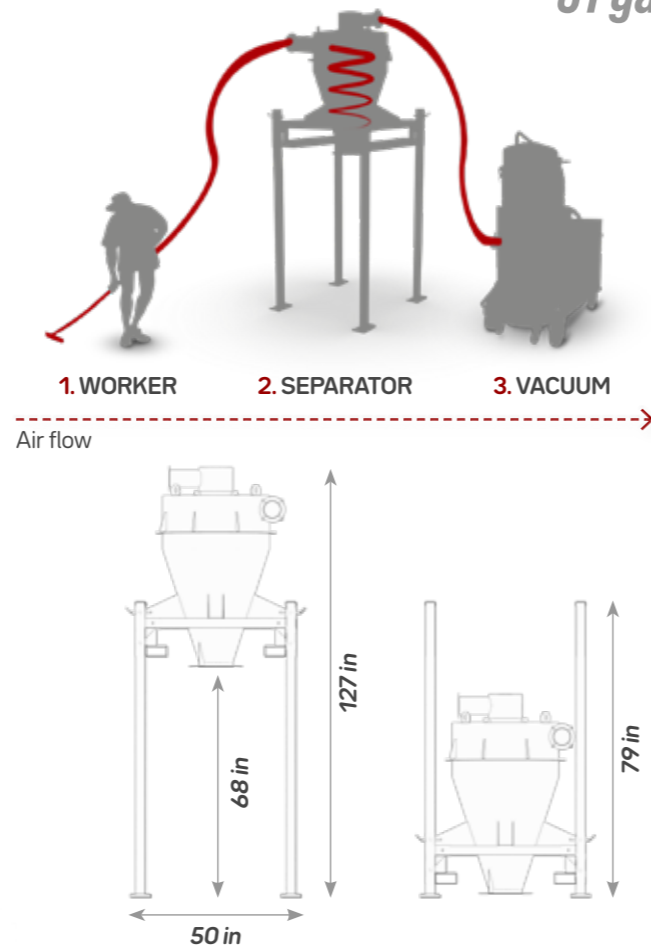


CYCLONE HOPPER

The hopper separator, with a capacity of 31 gal, allows it to be connected to a suction unit and to filter solid materials and dusts with extreme simplicity and in total safety. Thanks to a steel cone welded inside the suction chamber, a cyclonic effect is created which helps the dust to slow down and fall downwards.



31 gal

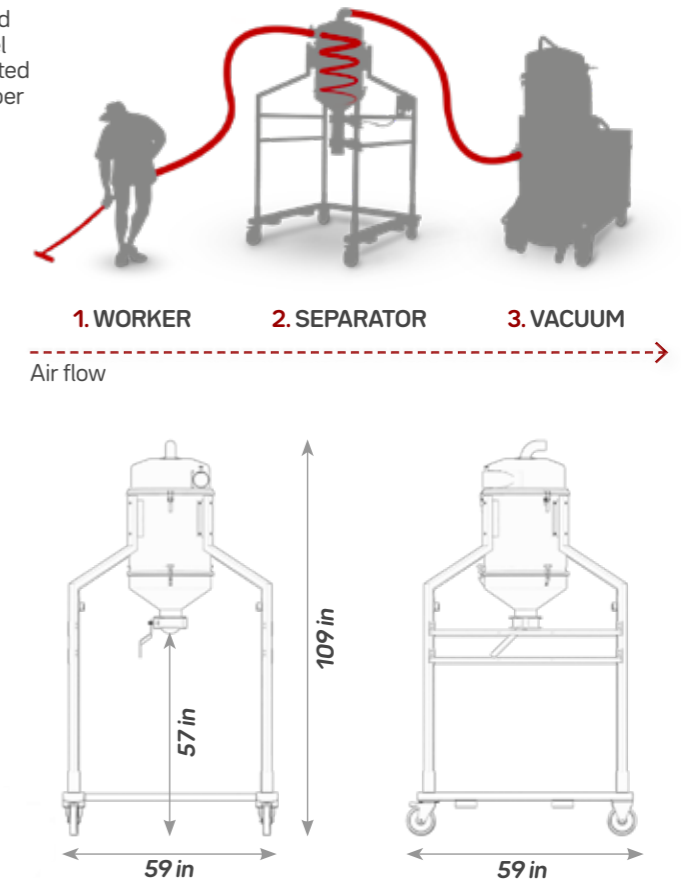


CYCLONE HOPPER ON WHEELS

The hopper separator, with a capacity of 44 gal, allows it to be connected to a suction unit and to break down solid materials and dusts with extreme simplicity and in total safety. Thanks to a steel cone welded inside the suction chamber, a cyclonic effect is created which helps the dust to slow down and fall downwards. The hopper is mounted on a comada mobile structure on wheels to facilitate movement. It is possible to unload directly into Big-Bag bags.



44 gal

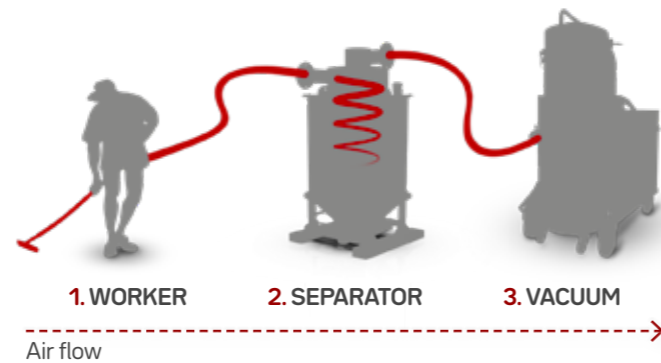


FORKABLE CYCLONIC SEPARATOR

The forkable cyclonic separator, with a capacity of 110/286 gal, allows it to be connected to a suction unit and to filter solid materials and dusts with extreme simplicity and in total safety. Thanks to a steel cylinder welded inside the suction chamber, a cyclonic effect is created that helps the dust to slow down and fall downwards. The separator is equipped with a convenient semi-automatic discharge system, which can be used without ever having to get off the forklift.



110 | 286 gal



Practical and safe discharge system



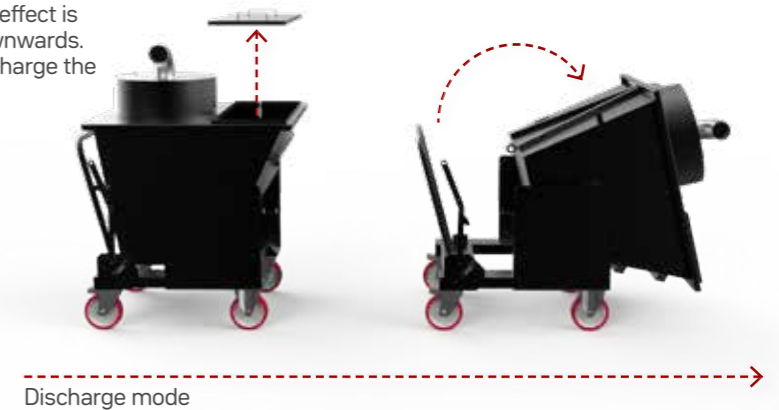
Door closing system by pressure on the floor.

TILTABLE SEPARATOR WITH CYCLONE HEAD

The tiltable separator, with a capacity of 128 gal, allows it to be connected to a suction unit and to break down solid materials and dusts with extreme simplicity and in total safety. Thanks to a steel cone welded inside the suction head, a cyclonic effect is created which helps the dust to slow down and fall downwards. This separator has a convenient folding system for discharge the material.



128 gal



Connection with vacuum cleaner



Tiltable discharge system

FILTERING PRE SEPARATOR

The filter separators with container, allow to be connected to a suction unit and to filter solid and liquid materials with extreme simplicity and in total safety. The separators, as standard, are equipped with a large surface bag filter. The filtering system can be implemented with a polyester cartridge system with a large filtering surface, certified class M, which allows you to clean the filters very effectively without having to interrupt the suction.

FILTERING PRE SEPARATOR - 450

Dimensions	Ø in	17.7
Filter type		Star filter
Surface area	in ²	3720
SP filter cleaning		optional
Media		Antistatic polyester
Capacity	gal	17



SP filter cleaning (optional)

- Automatic reverse jet cleaning system
- 3 Class M antistatic polyester filters.
- 97 ft² of filtering surface.



17 gal

FILTERING PRE SEPARATOR - 570

Dimensions	Ø in	22.4
Filter type		Star filter
Surface area	in ²	6975
SP filter cleaning		optional
Media		Antistatic polyester
Capacity	gal	38



SP filter cleaning (optional)

- Automatic reverse jet cleaning system.
- 4 Class M antistatic polyester filters.
- 129 ft² of filtering surface.



38 gal

FILTERING PRE SEPARATOR - 800

Dimensions	Ø in	31.5
Filter type		Cartridge
Surface area	in	17.050
SP filter cleaning		included
Media		Antistatic polyester
Capacity	gal	38



SP filter cleaning (included)

- Automatic reverse jet cleaning system.
- 4 Class M antistatic polyester filters.
- 194 ft² of filtering surface.



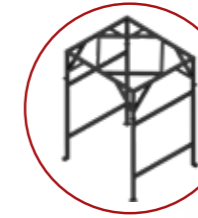
38 gal

FILTERING HOPPER

The hopper filter separators allow to be connected to a suction unit and to filter solid materials and dusts with extreme simplicity and in total safety. The filtering system is composed of class M certified aluminized polyester cartridge filters, which allows you to clean the filters very effectively without having to interrupt the suction. The discharge is managed according to need with various devices available for automatically discharge into big bags, open-top containers or process belts.

FILTERING HOPPER - 450

Dimensions	Ø in	17.7
Filter type		Cartridge
Surface area	in ²	13.950
SP filter cleaning		included
Media		Antistatic polyester
Discharge system	Ø in	6

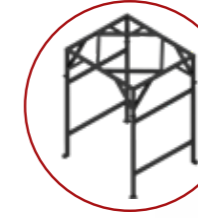


Discharge structure in Big-Bag (optional)



FILTERING HOPPER - 570

Dimensions	Ø in	22.4
Filter type		Cartridge
Surface area	in ²	18.600
SP filter cleaning		included
Media		Antistatic polyester
Discharge system	Ø in	10

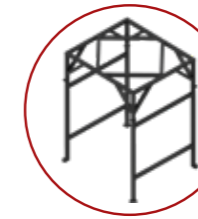


Discharge structure in Big-Bag (optional)



FILTERING HOPPER - 800

Dimensions	Ø in	31.5
Filter type		Cartridge
Surface area	in ²	27.900
SP filter cleaning		included
Media		Antistatic polyester
Discharge system	Ø in	10



Discharge structure in Big-Bag (optional)



ELECTRICAL PANEL WITH TOUCH SCREEN SYSTEM



PRODUCT DESCRIPTION

Depureco offers the possibility of mounting a 7-inch touch display on the electrical panel for the management of the suction system, capable of managing all the functional parameters of the system with extreme ease.



FILTER CLEANING SETTINGS



Customize the settings for automatic filter cleaning according to your needs, with extreme ease.

DISCHARGE SETTINGS



Customize the settings for the automatic material discharge system according to your needs, with extreme ease.

FILTER POST-CLEANING SETTINGS



Customize the settings for automatic filter post-cleaning according to your needs, with extreme ease.

LOGIN



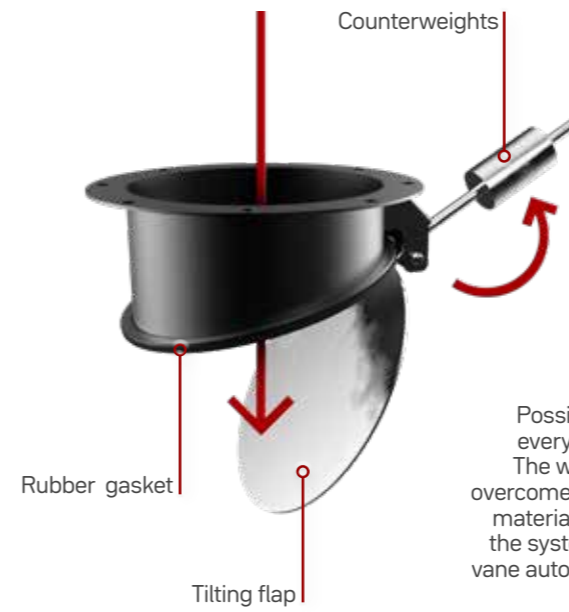
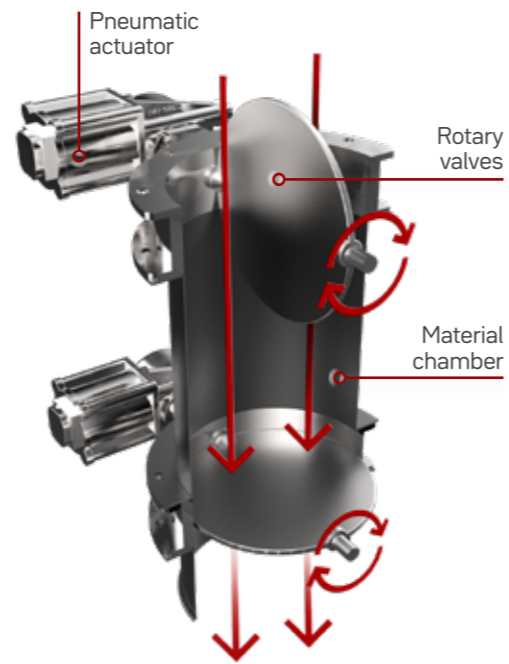
Security and convenience with multiple user management.

DISCHARGE SYSTEMS



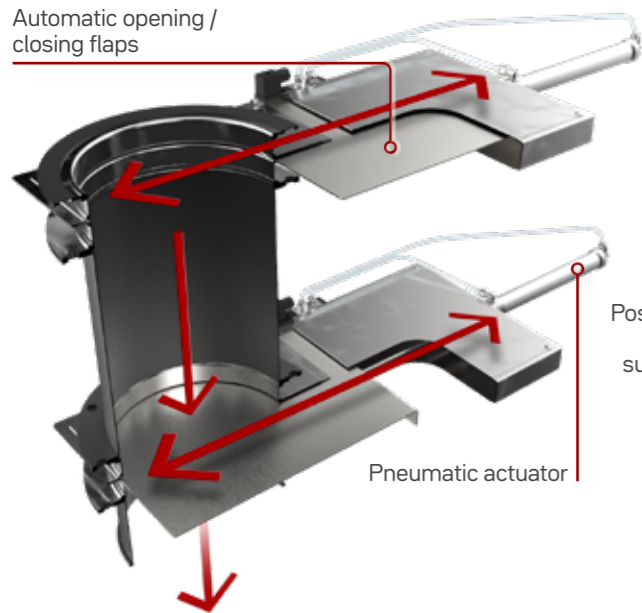
DOUBLE ELECTRO-PNEUMATIC DISCHARGING BUTTERFLY VALVE

Possibility of continuous discharge, without the need to stop the suction, thanks to the presence of two butterfly valves. The valves open alternately to allow the material to be discharged and, at the same time, to maintain the vacuum to allow continuous suction.



BALANCED FLAP

Possibility of automatic discharge every time the suction is stopped. The weight of the suction material overcomes the counterweight and the material falls down by gravity. When the system is switched on again, the vane automatically repositions itself in the closed position.



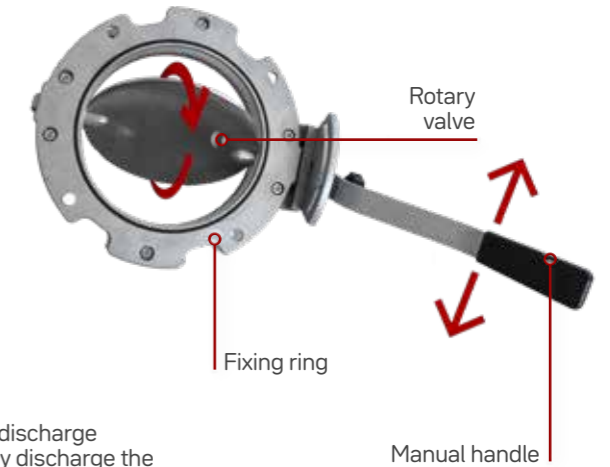
DOUBLE ELECTRO-PNEUMATIC DISCHARGING GUILLOTINE VALVE

Possibility of continuous discharge, without the need to stop the suction, thanks to the presence of two guillotine valves. The valves open alternately to allow the material to be discharged while maintaining the vacuum at the same time to allow continuous suction.



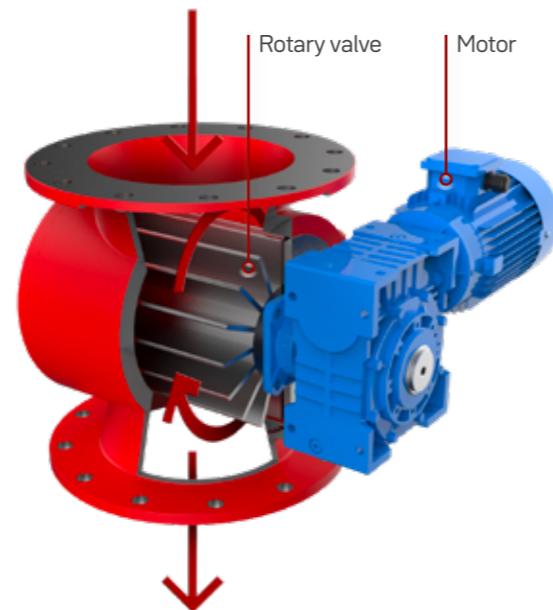
MANUAL DISCHARGE BUTTERFLY VALVE

The manual butterfly discharge allows you to manually discharge the material by simply opening the valve.



ROTARY VALVE

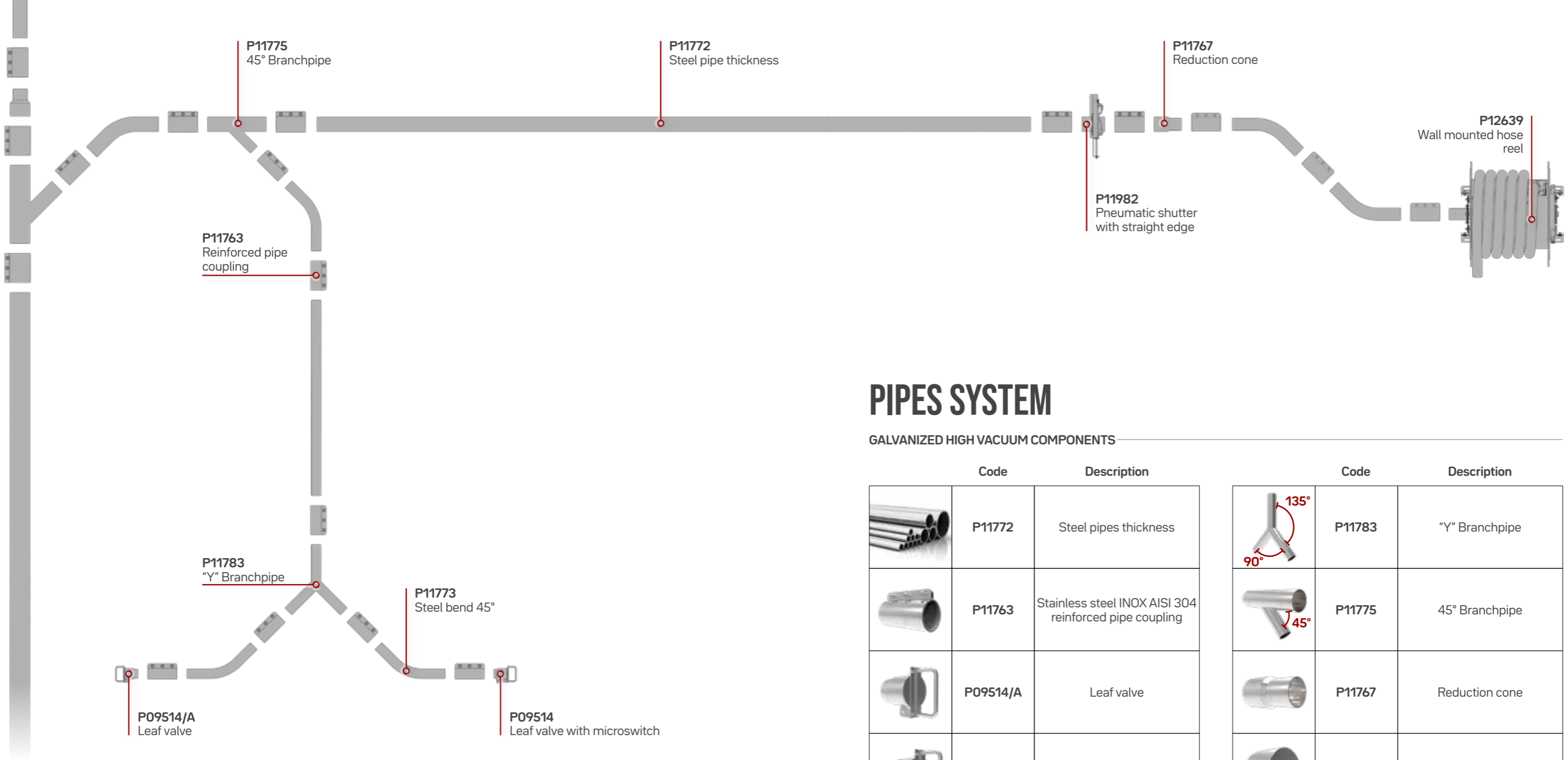
Possibility of continuous discharge, without the need to stop suction, thanks to the presence of a continuous rotary valve. The valve rotates continuously, thanks to a motor placed on the side, allowing a constant and uniform discharge of the sucked material.



ROTARY LEVEL DETECTOR

The rotary level sensor is mounted on the suction chamber or on the container of the vacuum cleaner. Inside, a vane connected to a low voltage motor rotates constantly. When the rotary vane encounters resistance, it sends a signal that immediately stops suction, giving a full container signal.





PIPES SYSTEM

GALVANIZED HIGH VACUUM COMPONENTS

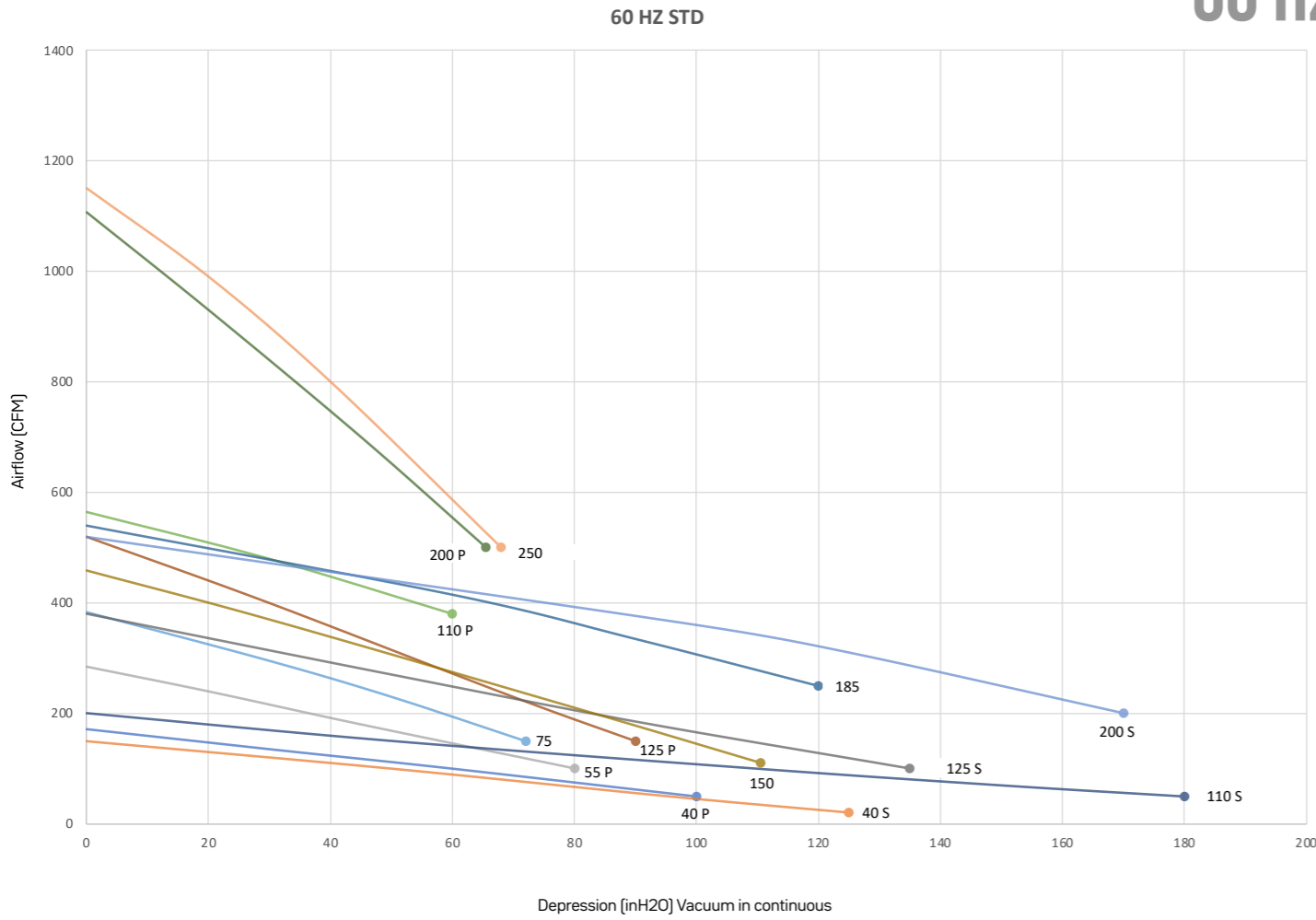
	Code	Description		Code	Description
	P11772	Steel pipes thickness		P11783	"Y" Branchpipe
	P11763	Stainless steel INOX AISI 304 reinforced pipe coupling		P11775	45° Branchpipe
	P09514/A	Leaf valve		P11767	Reduction cone
	P09514	Leaf valve with microswitch		P11781	End cap
	P11770	Hose connector		P11981	Manual shutter with straight edge
	P11774	Steel bend 90°		P11982	Pneumatic shutter with straight edge
	P11773	Steel bend 45°		P12639	Wall mounted hose reel
	P11782	Reinforced steel bend 90°		PRV	Safety vacuum breaker valve

GALLERY



PERFORMANCE CURVES

60 Hz

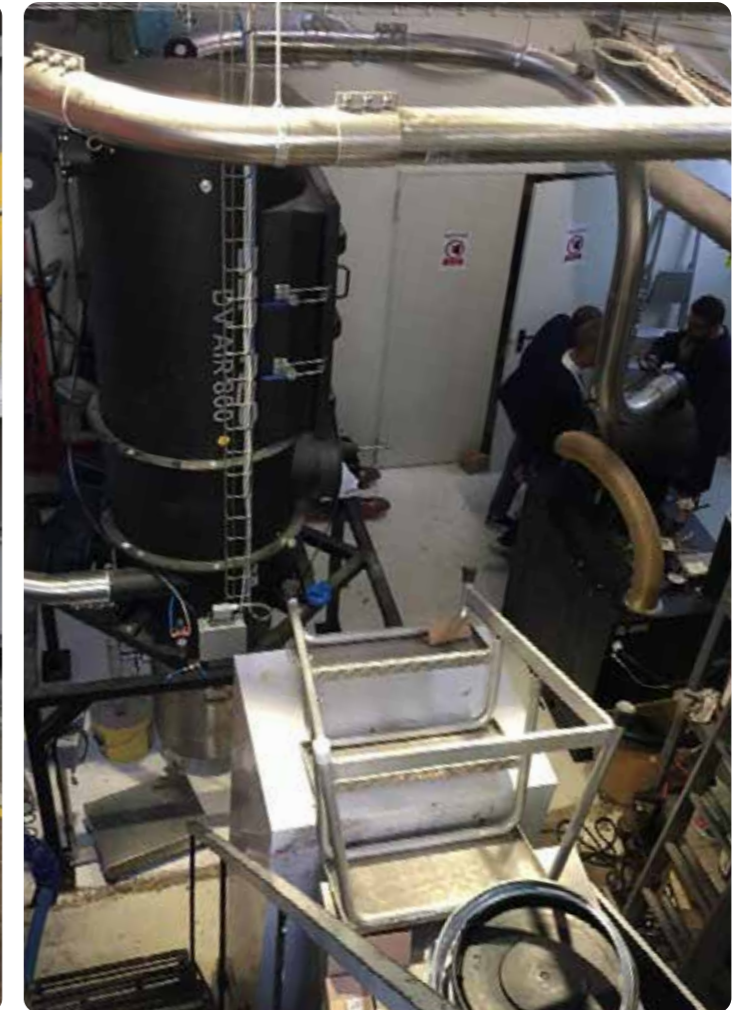


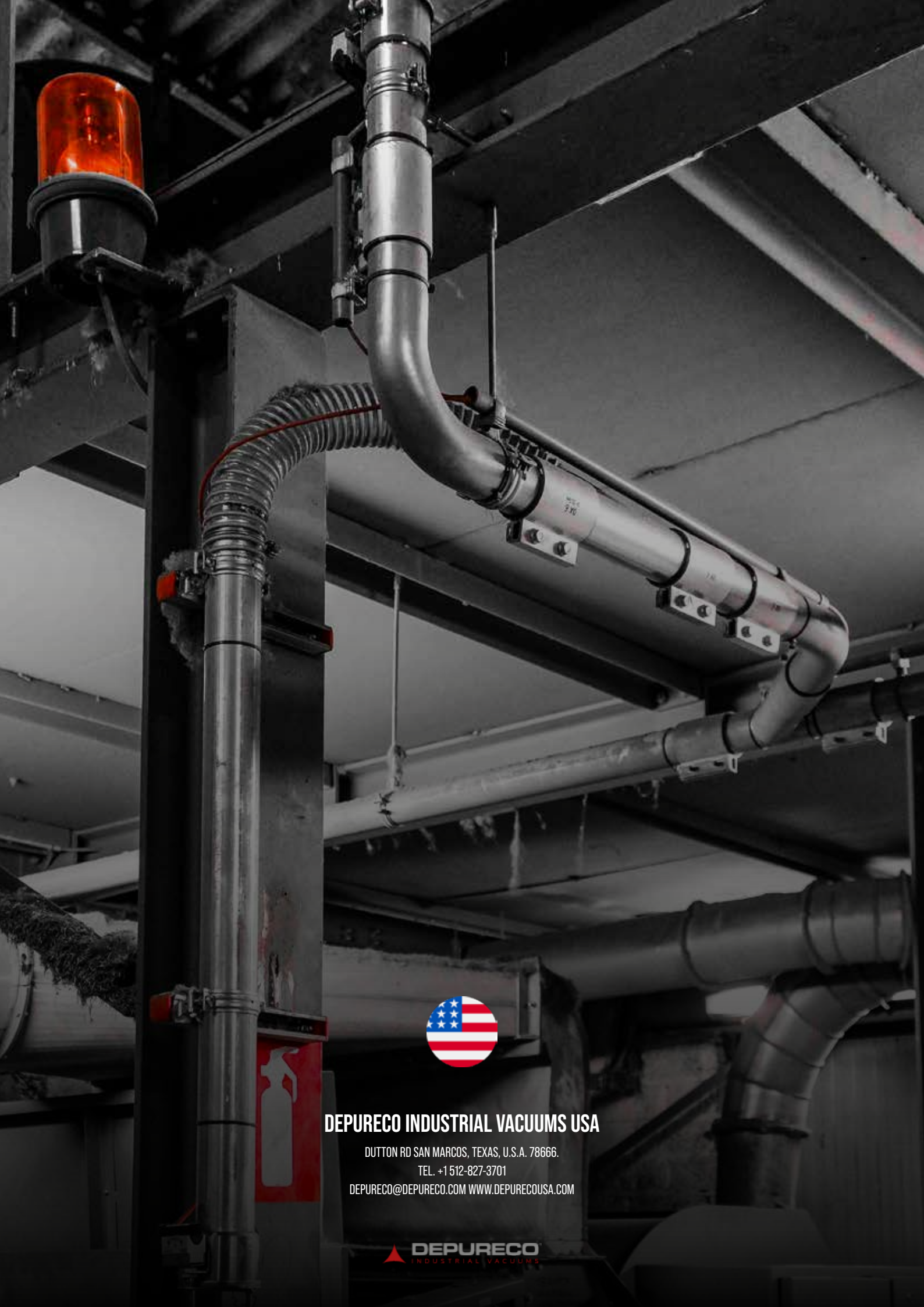
SIDE CHANNEL BLOWERS

Code	Power	Units
40 P	6.4 HP	CVS 40 P - HF 5.5
40 S	6.1 HP	CVS 40 S
55 P	8.7 HP	CVS 55 P - PUMA FIX 10
75	8.7 HP	CVS 75 - PUMA FIX 15 P - HF 10
110 P	12 HP	CVS 110 P - PUMA FIX 15 S - HF 15 P
110 S	16.9 HP	CVS 110 S - PUMA FIX 18 P - HF 15 S
125 P	16.9 HP	CVS 125 P - PUMA FIX 18 S - HF 18
125 S	16.8 HP	CVS 125 S - PUMA FIX 20
150	17.4 HP	CVS 150 - PUMA FIX 25
185	28.6 HP	CVS 185
200 P	29.5 HP	CVS 200 P - HF 30 P
200 S	28.6 HP	CVS 200 S - HF 30 S
250	28.6 HP	CVS 250 - HF 35 P



WHO BELIEVES IN US





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