DUST COLLECTORS

AF 40

INDUSTRIAL DUST COLLECTOR WITH VERY HIGH AIR FLOW RATE

POWER
4 kW - 5,5 HP

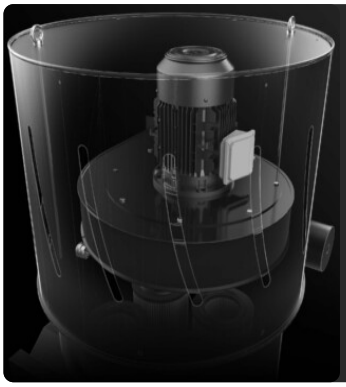
APPLICATION
Volatile and suspended powders

COLLECTION SYSTEM
Localized discharge

FEATURES

- Fan with very high air flow rate
- Very high filtration capacity with integrated automatic cleaning system
- Easy access for maintenance
- Multiple construction and material discharge options available

HIGHLIGHTS

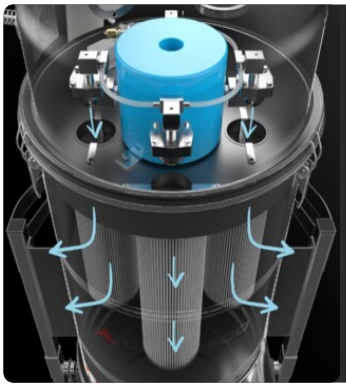


SUCTION UNIT

Suction is generated by an electric fan specially designed to ensure the best air flow rate while maintaining a good vacuum level.

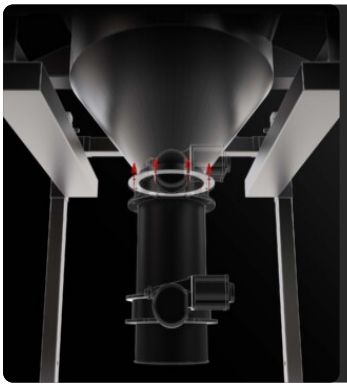
FILTER UNIT

High-efficiency Class M cartridges ensure maximum dust filtration. A practical hatch facilitates maintenance and replacement operations and avoids the need to remove the cover above, making maintenance operations easier.



SP FILTER CLEANING SYSTEM

Automatic filter cleaning system in reverse flow of air at 6 bar (compressed air not supplied as standard). Each filter is cleaned at regular, alternately adjustable intervals without interrupting suction. Ideal for fine and difficult dust.



CUSTOM EXHAUST SYSTEM

A specific discharge system, intermittent or continuous, can be installed depending on operational needs.

TECHNICAL DATA

MOTOR

Typologies	Electric Fan
Power	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	340 mBar
Static depression level	270 mmH2O
Maximum air flow	2200 m3/h
Noise level	73 dB(A)

MACHINE

Suction inlet	200 Ø mm
Collection system	Conveyed discharge
Dimensions	1402 x 1130 mm
Height	4279 mm
Compact height	2580 mm
Weight	409 Kg
Forklift support	Included

FILTRATION

Primary filter type	4x Cartridges
Filter surface	340000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

FEATURES

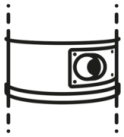
PLUG
4-pole industrial plug

ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy

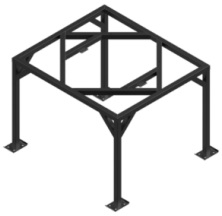
VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement

POWER SUPPLY CABLE

STEEL CONSTRUCTION
Rugged industrial coated steel construction



CYCLONIC EFFECT
Tangential inlet and cyclone installed



STR
Four legs to discharge in big bag

SP
Automatic reverse jet cleaning system

OPTIONS

STRUCTURE AND OPTIONS

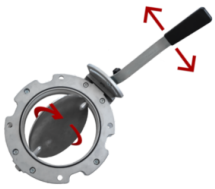
60HZ

60HZ
Available in 60Hz version

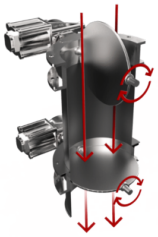
3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

ELECTRICAL PANEL
Electrical panel, implementable with additional functions

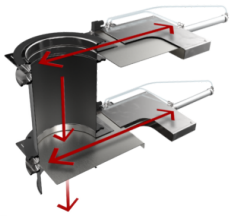
DISCHARGE WITH COUNTERBALANCED FLAP
The material is automatically discharged every time suction is stopped.



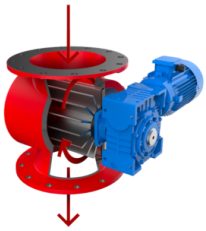
DISCHARGE WITH BUTTERFLY VALVE
Manual intermittent discharging system with butterfly valve
Manual discharging butterfly valve



DOUBLE PNEUMATIC DISCHARGE WITH BUTTERFLY VALVES
System with valves that open alternately to allow the material to be discharged and the vacuum to be maintained at the same time.
Double electro pneumatic discharging butterfly valve ATEX



DOUBLE DISCHARGE WITH ELECTRO-PNEUMATIC DAMPERS
System with dampers that open alternately to allow the material to be discharged and the vacuum to be maintained at the same time.

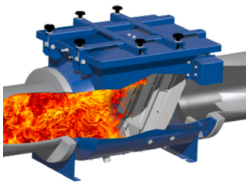


ROTARY VALVE FOR CONTINUOUS DISCHARGE
The valve rotates continuously allowing a constant and uniform discharge of the aspirated material.
Rotary valve for continuous hopper discharge

ROTARY LEVEL SENSOR
Sensor with rotating paddle that sends a signal when the container is full to immediately stop suction

PANEL VENT FOR DIRECTIONAL EXPLOSION
An explosion vent designed to break at a specific pressure and release the explosive pressure in a safe area.
Panel vent for explosion

FLAMELESS VENT
A valve that contains the flame and the overpressure generated by a possible explosion.



NON-RETURN VALVE
Isolates explosion and prevents it from spreading from the industrial vacuum to the pipe