

DUST COLLECTORS

# AF 40

## INDUSTRIAL DUST COLLECTOR WITH VERY HIGH AIR FLOW RATE



**POWER**  
4 kW - 5,5 HP



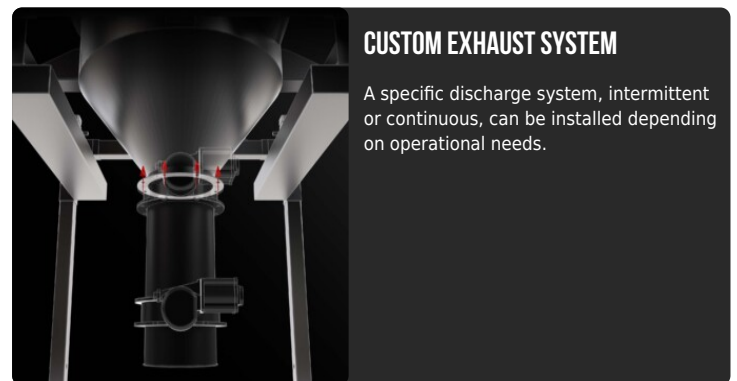
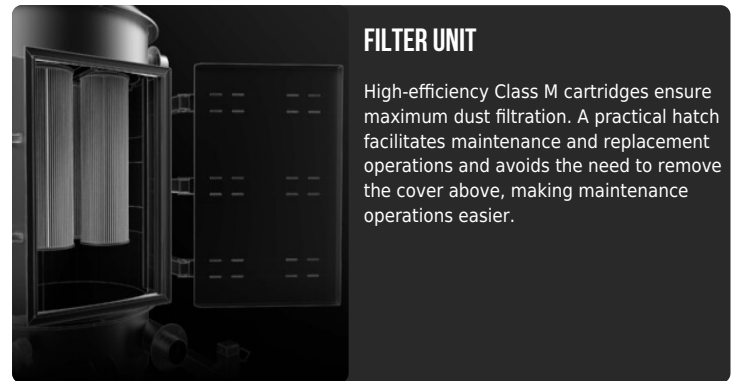
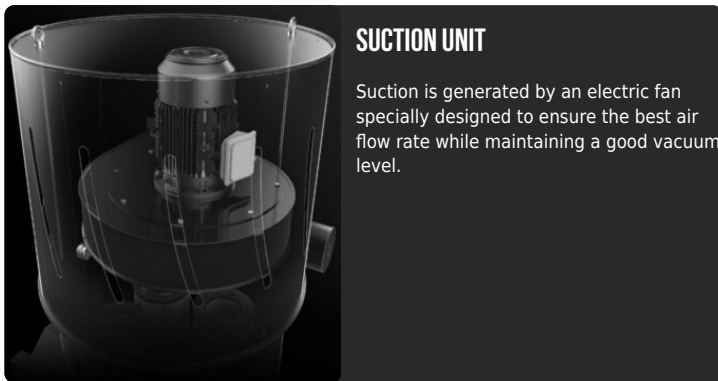
**APPLICATION**  
Volatile and suspended  
powders



**COLLECTION SYSTEM**  
Localized discharge

**FEATURES**

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

**HIGHLIGHTS**

**TECHNICAL DATA**
**MOTOR**

Typologies	Electric Fan
Power	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH2O	340 mmH2O
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

**OPTIONS**

**STRUCTURE AND OPTIONS**

**60<sup>Hz</sup>**

**60HZ**  
Available in 60Hz version



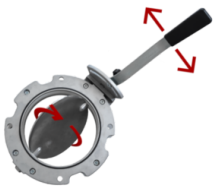
**3 YEARS WARRANTY**  
Purchasing the replacement filter along with the vacuum



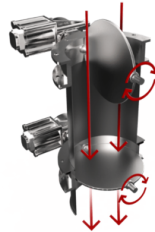
**ELECTRICAL PANEL**  
Electrical panel, implementable with additional functions



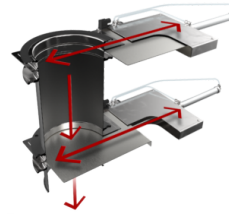
**DISCHARGE WITH COUNTERBALANCED FLAP**  
The material is automatically discharged every time suction is stopped.



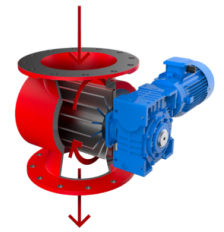
**DISCHARGE WITH BUTTERFLY VALVE**  
Manual intermittent discharging system with butterfly valve  
Manual discharging butterfly valve



**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



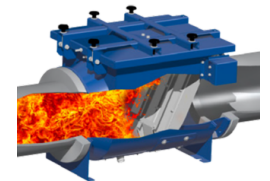
**ROTARY LEVEL SENSOR**  
Sensor with rotating paddle that sends a signal when the container is full to immediately stop suction



**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