

CENTRAL VACUUM SYSTEMS

HF 300

THREE-PHASE INDUSTRIAL VACUUM CLEANER WITH FIXED STRUCTURE



Watch the video!



POWER
3 kW - 4 HP



APPLICATION
Powders, solids and
shavings



COLLECTION SYSTEM
Localized discharge

FEATURES

- Powerful side channel blower
- Ideal for machine-applied solutions
- Convenient manual filter shaker
- Multiple construction and material discharge options available

HIGHLIGHTS



SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free operation. A metal silencer is included as standard in the turbine to ensure a low noise level.



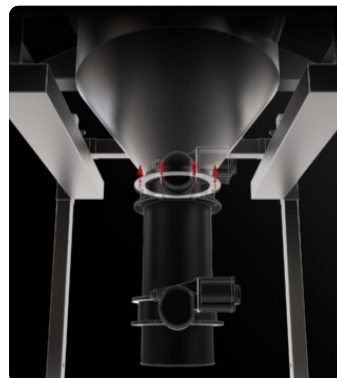
FILTER UNIT

The tangential inlet facilitates the cyclonic effect to deposit the collected material in the container. Filtration is ensured by a polyester star filter in class M (filtering efficiency 1 micron) with high filtering surface area, which guarantees air passage even with a dirty filter.



FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



CUSTOM EXHAUST SYSTEM

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

TECHNICAL DATA

MOTOR

| | |
|--------------------------|---------------------|
| Typologies | Side channel blower |
| Power | 3 kW - 4 HP |
| Frequency | 50/60 Hz |
| Voltage | 400 V |
| Vacuum in continuous run | 270 mBar |
| Maximum air flow | 350 m3/h |
| Noise level | 74 dB(A) |

MACHINE

| | |
|--------------------|-----------------------|
| Suction inlet | 80 Ø mm |
| Collection system | Conveyed discharge |
| Discharge diameter | 150 Ø mm |
| Dimensions | 1370 x 680 mm |
| Height | 1952 mm |
| Weight | 150 Kg |
| Safety valve | Pressure relief valve |

FILTRATION

| | |
|--------------------------------|-----------|
| Primary filter type | Star |
| Filter surface | 24000 cm2 |
| EN 60335-2-69 filtration class | M |
| Media | Polyester |
| Filter Cleaning System | Manual |

FEATURES



ELECTRICAL PANEL

Electrical panel, implementable with additional functions



PLUG

4-pole industrial plug



VACUUM GAUGE

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



POWER SUPPLY CABLE



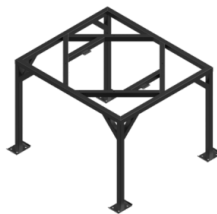
STEEL CONSTRUCTION

Rugged industrial coated steel construction



CYCLONIC EFFECT

Tangential inlet and cyclone installed



STR

Four legs to discharge in big bag



PRV

Pressure relief valve installed

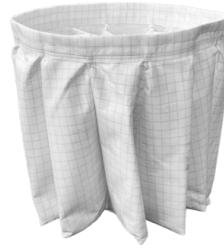
OPTIONS
AVAILABLE FILTER MEDIA

HEPA 14

Absolute filter (EN 1822)
 22.000 cm² filter surface
 H14 Class Filter (EN 1822)
 Glass fiber


PTFE ANT

Antistatic PTFE filter (M class EN 60335-2-69)


ANT M

Antistatic filter (M class EN 60335-2-69)


NOMEX

250° Celsius resistant filter


MTF

Teflon filter (M class EN 60335-2-69)


PTFE

PTFE Filter (M class EN 60335-2-69)

AVAILABLE FILTER CLEANING SYSTEMS

SP

Automatic reverse jet cleaning system
 Antistatic M class filter (EN 60335-2-69), 3
 Polyester filter cartridges, 9 m² filter surface


PSC

Semiautomatic pneumatic filter shaker

STRUCTURE AND OPTIONS

60^{Hz}

60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



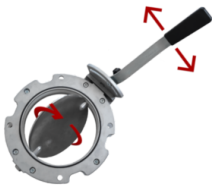
RC

Remote control 24V ON/OFF



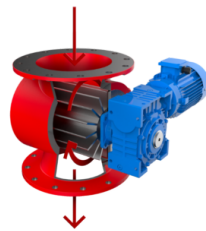
DISCHARGE WITH COUNTERBALANCED FLAP

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



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

ACCESSORIES



P13638

STARTER KIT Ø 40MM

Basic kit containing specific accessories for 40 mm diameter solids and liquids vacuuming



P12350

STARTER KIT Ø 50MM

Basic kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



P13640

DRY KIT Ø 40MM

Kit containing specific accessories for 40 mm diameter dust and solids vacuuming



P12348

DRY KIT Ø 50MM

Kit containing specific accessories for 50 mm diameter dust and solids vacuuming