

Eurofilter NG EU EN 16770

EN

Filter unit for dust and chips



Eurofilter NG EU EN 16770 (NEXT GENERATION)

Eurofilter **NG EU EN 16770** M/P 160-200-250-300-350



Innovative Air Solutions
For a cleaner future.

Design

Eurofilter NG EU EN 16770 is a mobile filter unit for the extraction of saw dust and wood chips, suitable also for different applications on Ex dust with a $K_{st} < 200 \text{ bar} \cdot \text{m/s}$ explosives class st1. It is made of a galvanised or painted sheet metal panel structure with a bag filter stage inside M-PES 550 AX antistatic, with the possibility of having automatic mechanical cleaning by means of a **motor vibrator (M)** or **pneumatic cleaning** by compressed air **(P)**. The unit is also equipped with an automatic fire extinguishing system with a powder extinguisher (Excluding Mod.160).

Eurofilter NG EU EN 16770

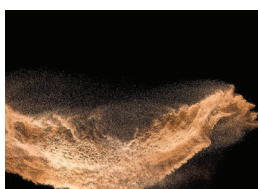
8 Models



Highlights

- standard fire extinguisher.
- Discharge of waste and dust into **easily managed** containers.
- Remarkable handling despite its size, thanks to its large-diameter wheels.
- **Maximum** filtration **efficiency**
- Integrated **high-efficiency** and **soundproofing** fan.
- With automatic **cleaning system**.
- **Plug & Play**, no assembly required.

Applications



Powders

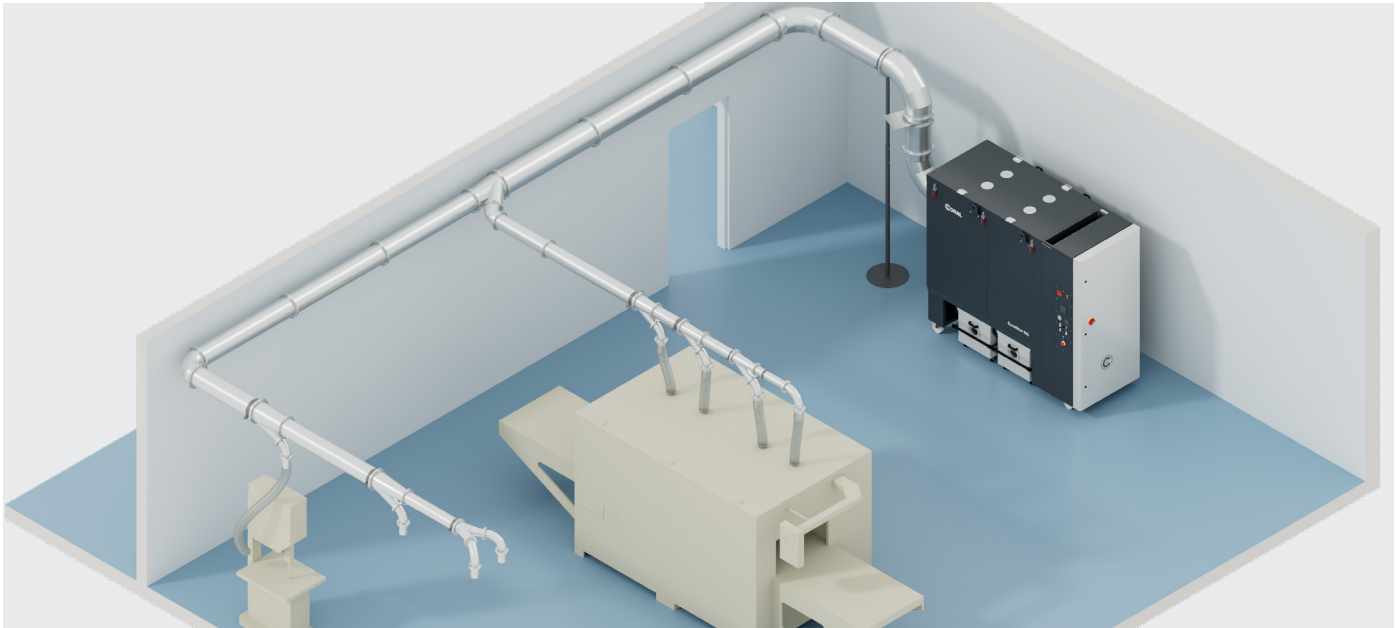


Wood shavings

Clean air solutions

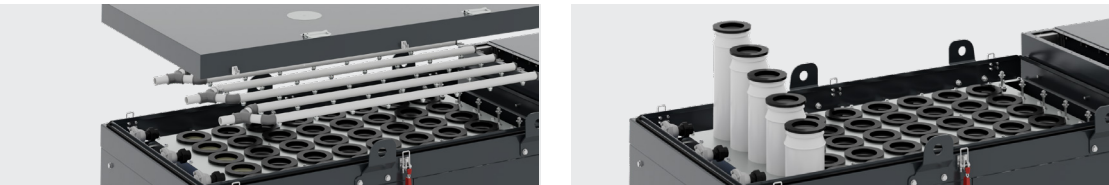
Eurofilter NG EU EN 16770 filter units are an effective solution for improving air quality in industrial environments, ensuring high filtration efficiency and operational safety. Thanks to their robust construction and advanced design, they ensure a long service life and practical use. Equipped with an automatic cleaning

system and efficient continuous discharge of dust and swarf, the units help keep the air clean, reducing the risk of pollution and improving working conditions. In addition, the presence of a soundproofing centrifugal fan allows high performance operation while reducing noise impact.



Maintenance

Vertically arranged filter bags ensure easy access and a quick filter maintenance



Filter Media

■ Eurofilter NG EU EN 16770

MEDIA	MATERIALS	m²	g/m²	STANDARD	OPTIONAL
M PES 550AX	POLYESTER ANTISTATIC		550	■	

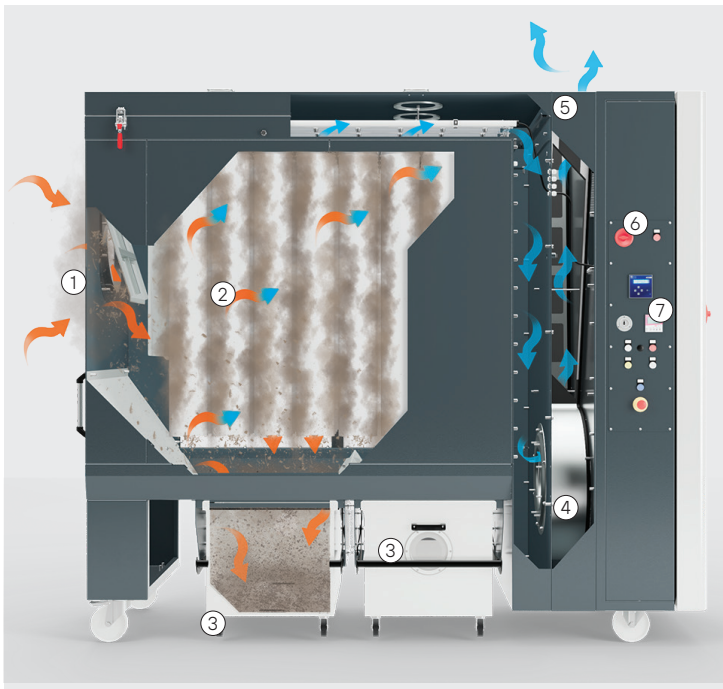


M PES 550 AX

Principle of operation

The **Eurofilter NG EU EN 16770** is a versatile system that is suitable for many applications due to its simple versatility. Air enters the machine through the side inlet, where fine particles are filtered out by the bags. The heavier dust, due to gravitational force, goes to the bottom part of the unit, where the discharge is located. The heaviest particles are deposited in the collection bins (**M|P**). The filtered air crosses the fan and it exhausts through the outlet on top of the unit.

Eurofilter NG EU EN 16770

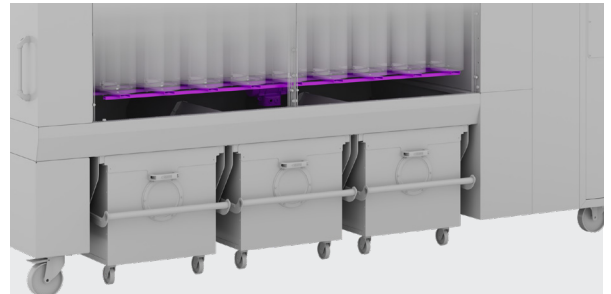


POLLUTED AIR

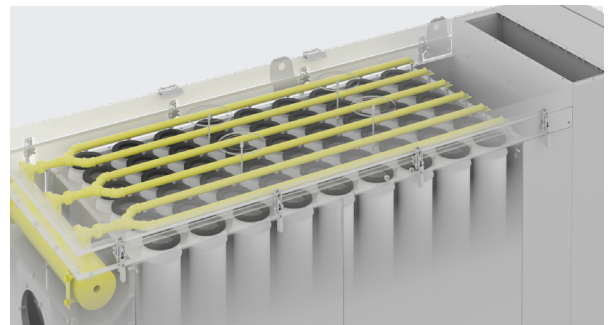


FILTERED AIR

Eurofilter NG EU EN 16770 M Automatic with motor vibrator



Eurofilter NG EU EN 16770 P Automatic with pneumatic system



- ① Air inlet with dust
- ② Filter bags
- ③ Collection bins Fan
- ④ Fan
- ⑤ Air outlet
- ⑥ **Fire extinguishing system**
- ⑦ Economiser ON/OFF switch



Product range



Eurofilter NG EU EN 16770 M|P

Eurofilter NG EU EN 16770 is a vertical bag filter for dust extraction and filtration. Version with collection bins, it is equipped with wheels for easy handling. It guarantees high efficiency thanks to the automatic cleaning system.

Technical features

Technical features		Model Eurofilter NG EU EN 16770				
		M 160 P 160	M 200 P 200	M 250 P 250	M 300 P 300	M 350 P 350
Power	kW	3	4	5,5	7,5	11
Max. air flow	m ³ /h	2000	3000	5000	6000	8000
Nominal air flow	22 m/s	1502	2487	3886	5595	7616
Filtering area	m ²	12	17	23	29	38
Static available pressure	Pa	2200	2600	2800	2900	3000
Inlet diameter	mm	160	200	250	300	350
Standard power supply	V	400	400	400	400	400
	Hz	50	50	50	50	50
Absorption	A	5,85	7,45	10,2	13,9	18,9
Noise level	dB(A)	66	69	70	72	74
Type of filter media		POLYESTER ANTISTATIC				
Filter fabric weight	gr/m ²	550	550	550	550	550
ABC powder fire extinguishing system		NO	YES	YES	YES	YES
N. Collection bins		1	2	2	3	3
Bin capacity	l	200 x 2	200 x 2	200 x 2	200 x 3	200 x 3
N. of bags	Ø125÷Ø160	24	36	48	60	60

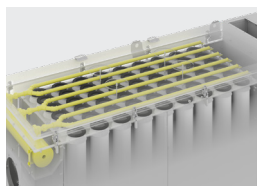
Standard Components

NG EU P



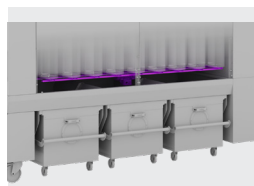
Economiser

NG EU P



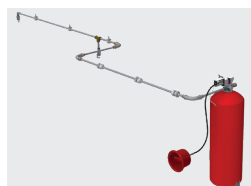
Automatic cleaning with pneumatic system (P)

NG EU M



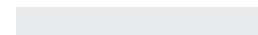
Automatic cleaning with motor vibrator (M)

NG EU 200 | 250 | 300 | 350



Automatic fire prevention system using powder extinguisher

NG EU



Automatic remote start

Options

NG EU



Ahead with remote control

NG EU



Ahead with inverter

NG EU



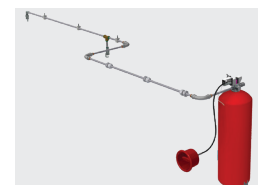
Fire damper with manual reset

NG EU



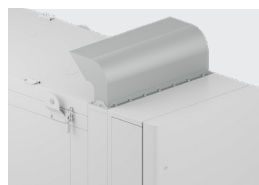
Motorised air shutter

NG EU 160



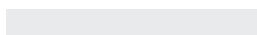
Automatic fire prevention system using powder extinguisher

NG EU



Section ejection

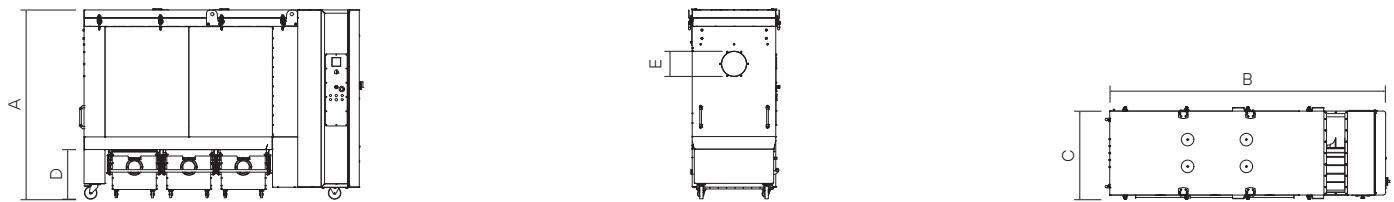
NG EU



Painting

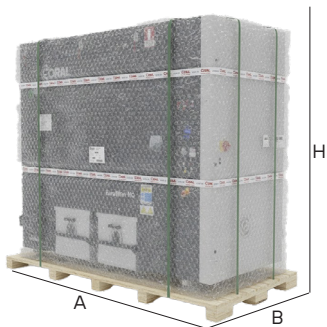
Overall dimensions

Eurofilter NG EU EN 16770 M/P



MODEL	DIMENSIONS (mm)				
	A	B	C	D	E
Eurofilter NG EU EN 16770 M/P 160	2260	1785	1090	395	160
Eurofilter NG EU EN 16770 M/P 200	2260	2530	1090	595	200
Eurofilter NG EU EN 16770 M/P 250	2260	2530	1090	595	250
Eurofilter NG EU EN 16770 M/P 300	2260	3285	1090	595	300
Eurofilter NG EU EN 16770 M/P 350	2260	3285	1090	595	350

Packaging information



MODEL	PLATFORM N.	DIMENSIONS (mm) AxBxH	WEIGHT (kg)
Eurofilter NG M/P 160	1	2100 x 1200 x 2400	700
Eurofilter NG M/P 200 250	1	2800 x 1200 x 2400	1000
Eurofilter NG M/P 300 350	1	3500 x 1300 x 2450	1100

All images and values on this catalogue are indicative and can be subject to modification and improvements. CORAL reserves the right to change them without previous advice.



Made in Coral

Coral manufactures 100% of all the components that are part of an industrial extraction system within their facilities in Volpiano, just outside of Turin. The quality of materials that we use and our industry experience guarantee a production of high level in everything we make.

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