

# Noil

Extraction and filtration units designed to filter emulsified coolant liquids



## Noil

Noil 06-08-12-15-20-26

# Design

The Noil is a compact centrifugal separator, adaptable to any machine tool, perfect for purifying air in environments where oil mist is produced and recovering the emulsion, allowing it to be recycled. Perfect for reliability and high performance in filtering contaminated air.

**Noil**

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Model



## Highlights

- **Environmentally friendly:** the environment gets rid of oil mist and recovers the emulsion for a re-use.
- **On source and continuous extraction,** for an immediate and constant reduction of pollutants.
- **Reduction of machine** downtime required for cleaning.
- **Compact and space-saving,** also suitable for small spaces.
- **Versatile:** it adapts to any type of machine tool.
- Also suitable for the graphics industry **(ink mists)**
- **Extreme ease of maintenance.**
- **Plug & Play” solution,** no installation required.
- **Combined** with pre- and post-filtration elements.

# Applications



Oil mists

# Clean air solutions



Installation of the NOIL unit on the floor stand



Hanging installation



Installation on floor stand with complete pre-filtration kit including drain and post-filtration

## Filtration technology

### Easy access, quick and simple maintenance



The horizontal arrangement of the cartridges allows easy access and quick maintenance of the filter section.

## Filter Media

MEDIA	MATERIAL	m <sup>2</sup>		g/m <sup>2</sup>	STANDARD	OPTIONAL	OPTIONAL Post-filtration
		06/08	12/15/20/26				
M PES	POLYESTER	4	8	270	■		
M CEL	CELLULOSE	6,5	13	124	■		
Wire mesh cartridge						■	
Absolute filter cartridge HEPA H13							■



M PES



M CEL



Wire mesh cartridge

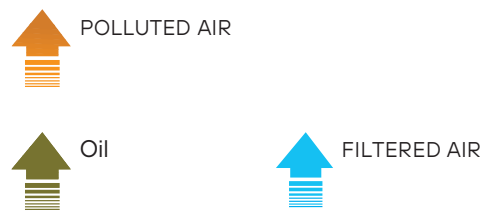
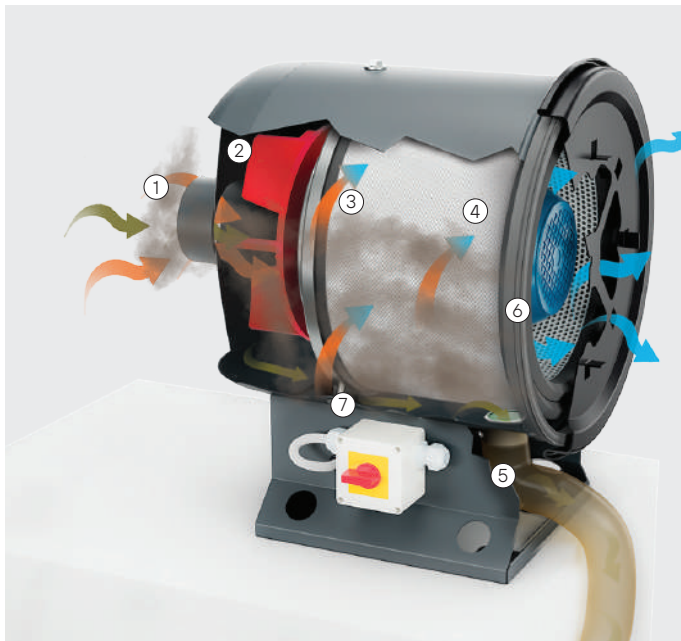


Absolute filter cartridge HEPA H13

# Principle of operation

Polluted air is extracted through a pipe and, due to the ventilation system, goes through a separation and filtration process. The oily particles are first separated mechanically and then filtered through a multi-stage system. The collected oil can be recovered, while the clean air is returned to the environment.

## Noil



- ① Oil mists inlet
- ② Impeller
- ③ Filtering cartridge in cellulose + filtering cartridge in polyester
- ④ Motor
- ⑤ Oil discharge
- ⑥ Filtered air outlet
- ⑦ ON/OFF Switch

## Filtration (OPTIONS)

### Pre-filtration

It is recommended to avoid the entrance of particles such as dust. Complete of: acrylic filter, flat metal filter and metal labyrinth filter.

### Post-filtration

In case of particularly heavy use with the presence of fumes we recommend the use of post filtration with additional HEPA H13 cartridge for optimal diffusion of the filtered air into the room.



# Product range

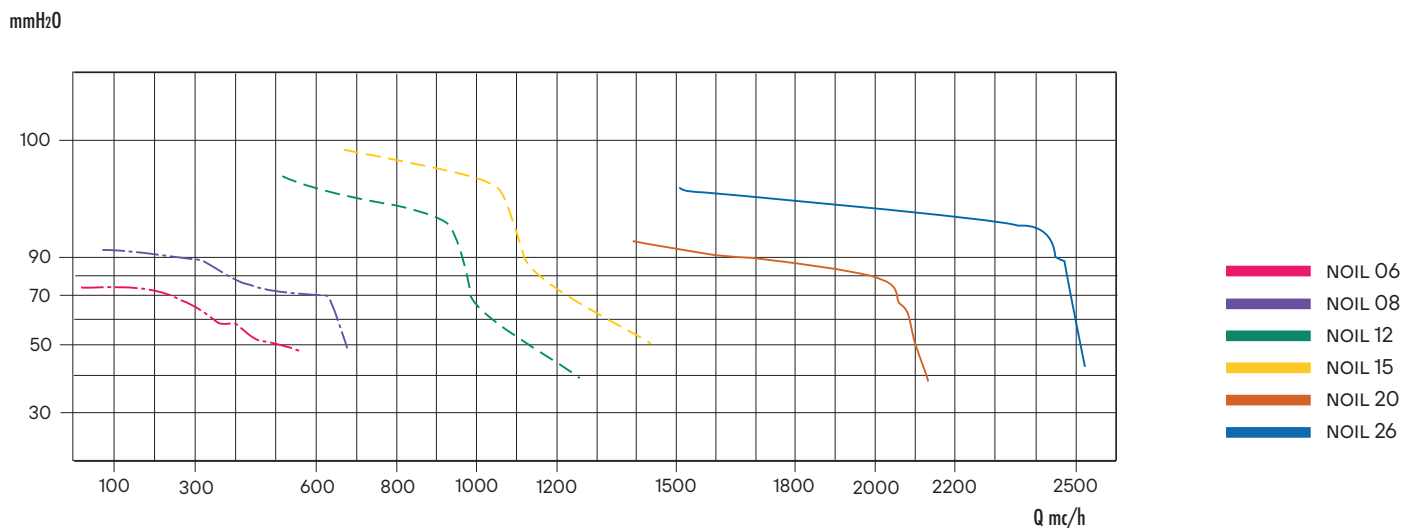


## Noil

The machine extracts and filters oil mists present in working environments, such as those in the mechanical, graphics and food industries.

# Technical features

Technical features		Model Noil					
		06	08	12	15	20	26
Power	kW	0,75	0,75	1,5	1,5	1,5	1,5
Maximum air flow capacity	m <sup>3</sup> /h	550	800	1300	1500	1600	2000
suction inlet	Ømm	100	100	150	150	180	200
Classification		POLYESTER CELLULOSE					
RPM		2800	2800	2800	2800	2800	2800
Standard power supply	V	400	400	400	400	400	400
	Hz	50	50	50	50	50	50
Noise level	dB	68	72	74	75	75	76
Total weight	kg	28	29	55	56	55	56
Static available pressure	mmH <sub>2</sub> O	50	50	50	50	50	50



# Standard Components

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Noil



Fan

Noil



Thermal switch

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Quick-release couplings

# Options

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Pre-filtration unit

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Installation kit for  
Pre-filtration unit

Noil



Post-filtration unit HEPA H13  
cartridge

Noil



Floor stand H2000

Noil



Wall bracket

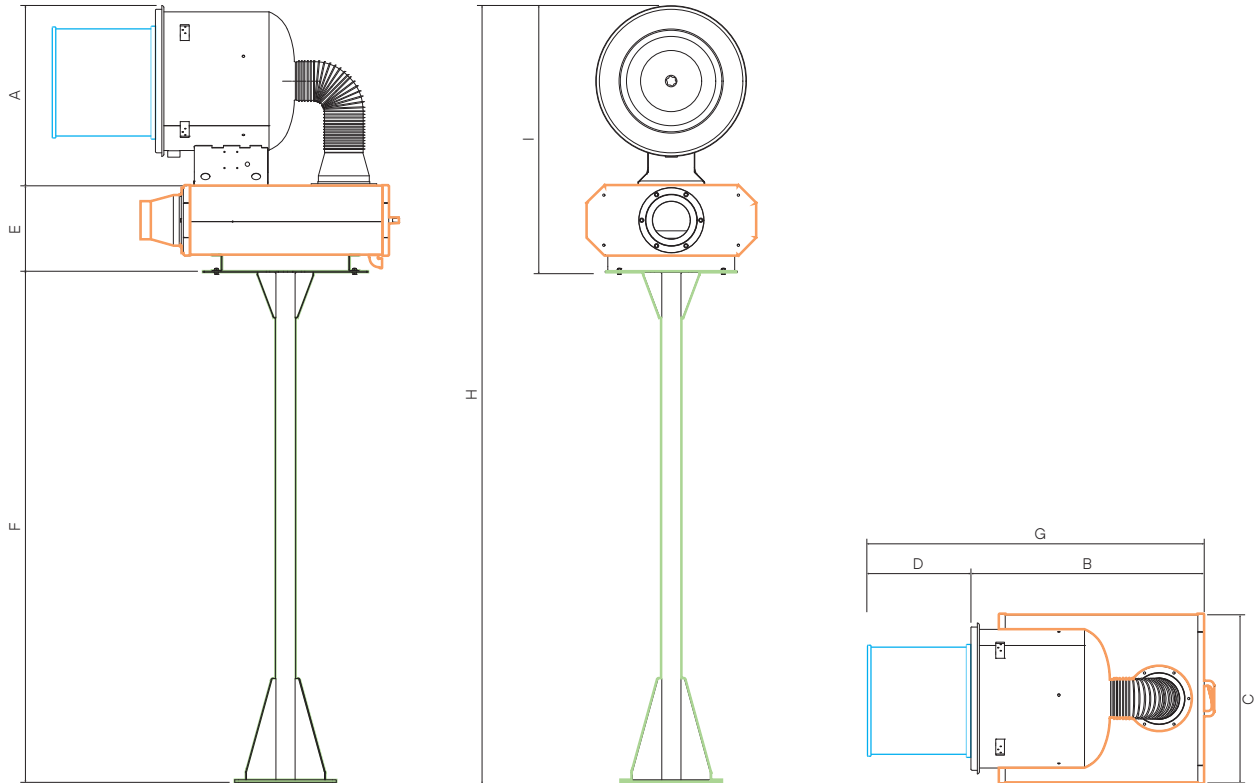
Noil



Oil drain installation kit

# Overall dimensions

## Noil



MODEL	DIMENSIONS (mm)								
	A	B	C	D	E	F	G	H	I
Noil 06   08	516	755	413	301	303	2014	1056	2833	819
Noil 12   15   20   26	710	919	661	410	336	2014	1329	3060	1046

- Post-filtration (Optional)
- Pre-filtration (Optional)
- Floor stand (Optional)

## Packaging information



MODEL	PLATFORM N.	DIMENSIONS (mm) AxBxH	WEIGHT (kg)
Noil 06   08	1	600 x 500 x 600	40
Noil 12   15   20   26	1	820 x 620 x 750	65

MODEL	CARDBOARD N.	DIMENSIONS (mm) AxBxH	WEIGHT (kg)
Post-filtration			
Noil 06   08	1	400 x 400 x 400	3
Noil 12   15   20   26	1	450 x 450 x 500	5

MODEL	CARDBOARD N.	DIMENSIONS (mm) AxBxH	WEIGHT (kg)
Pre-filtration			
Noil 06   08	1	420 x 410 x 420	3
Noil 12   15   20   26	1	560 x 550 x 520	5

MODEL	PLATFORM N.	DIMENSIONS (mm) AxBxH	WEIGHT (kg)
Floor stand			
Noil 06   08	1	2200 x 500 x 600	45
Noil 12   15   20   26	1	2200 x 500 x 600	45

All images and values on this catalogue are indicative and can be subject to modification and improvements. CORAL reserves the right to change



# 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.

## ITALIA

MILANO	p: +39 02 95.30.1003
TORINO	p: +39 011 99.80.141
VICENZA	p: +39 0444 34.93.98
BOLOGNA	p: +39 051 69.26.335

## FRANCE

LYON	p: +33 4 74 944 562
PARIS	p: +33 1 60 868 069
POITIERS	p: +33 5 49 379 596

## GERMANY

LEVERKUSEN	p: +49.214.312.663.20
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## UNITED KINGDOM

LITTLEBOROUGH ROCHDALE	p: +44 1706 377344
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## MIDDLE EAST

DUBAI UAE	p: +971 56 1028130
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## INDIA

BANGALORE	p: +91 734 888 2333 - 2777
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## SINGAPORE

SINGAPORE	p: +65 88338991
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## U.S.A.

KYLE, TX	p: +1 480 796 5352
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**CORAL s.p.a.**  
 Corso Europa, 597 10088  
 Volpiano (Torino) ITALY

p: +39 011 98.22.000  
 e: info@coral.eu

**coral.eu**



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