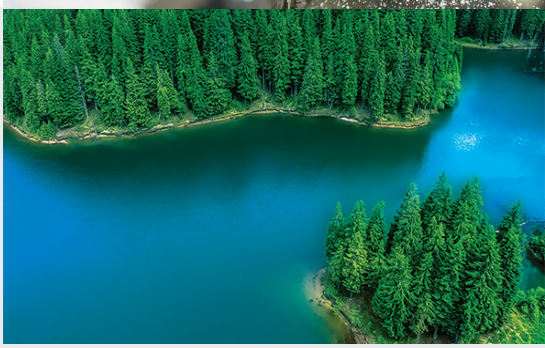
# Noil

Extraction and filtration units designed to filter emulsified coolant liquids








**Noil**

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

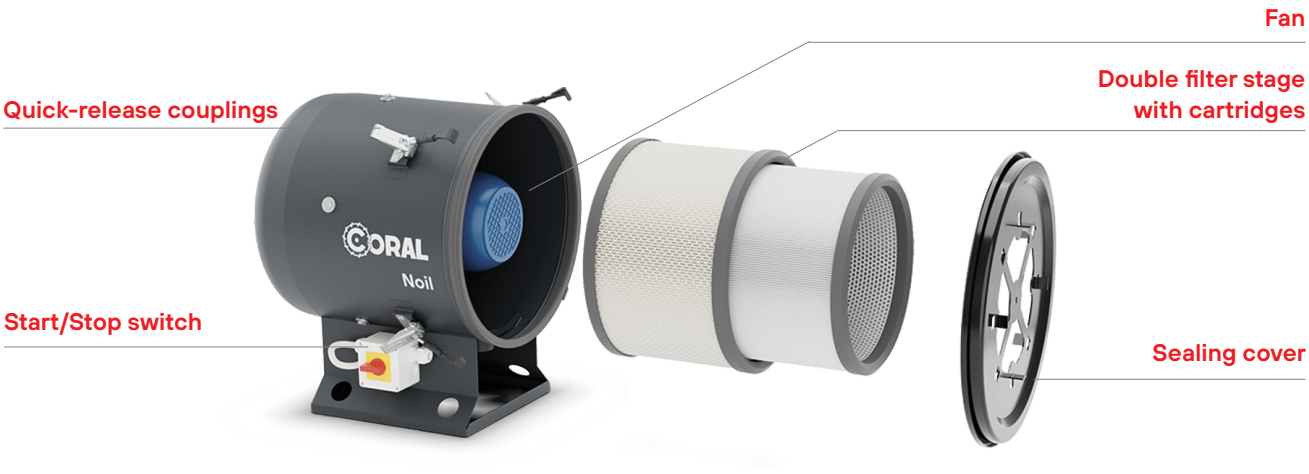
Innovative Air Solutions
For a cleaner future.

# Design

The Noil is a compact centrifugal separator designed to be easily adapted to machine tools. It is ideal for purifying air in environments where oil mist is generated, while simultaneously recovering the emulsion for reuse. The system ensures reliable operation and high performance in the filtration of contaminated air.

**Noil**

6 Models




## Highlights

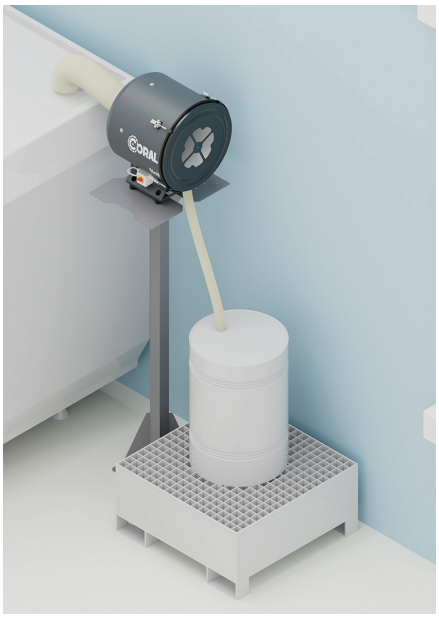
- **Environmentally friendly**: effectively removes oil mist from the air while recovering the emulsion for reuse.
- **Source-capture with continuous extraction** for immediate and constant reduction of airborne pollutants.
- **Reduced machine downtime** thanks to minimized cleaning requirements.
- **Compact and space-saving**, ideal even for confined workspaces.
- **Highly versatile**: adaptable to any type of machine tool.
- **Also suitable for the graphics industry**, including ink mist applications.
- **Extremely easy maintenance**.
- **Plug & Play solution,** no installation required.
- **Compatible** with pre- and post-filtration elements.

# Applications



Oil mists

# Clean air solutions



Floor-mounted installation on stand



Suspended installation



Floor-mounted installation on stand with complete pre-filtration kit, including drain and post-filtration

# Filtration technology

## Easy access, quick and simple maintenance

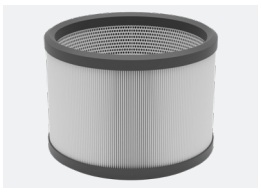




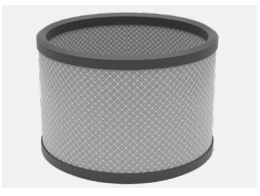
The horizontal cartridge layout provides easy access and enables fast, straightforward maintenance of the filter section.

## Filter Media

| MEDIA | MATERIAL | sq ft 06\|08 | sq ft 12\|15\|20\|26 | oz/yd² | STANDARD | OPTIONAL | OPTIONAL Post-filtration |
|---|---|---|---|---|---|---|---|
| M PES | POLYESTER | 43 | 86.1 | 8 | ■ | | |
| Wire mesh cartridge | | | | | ■ | | |
| Absolute filter cartridge HEPA H13 | | | | | | | ■ |



M PES



Wire mesh cartridge

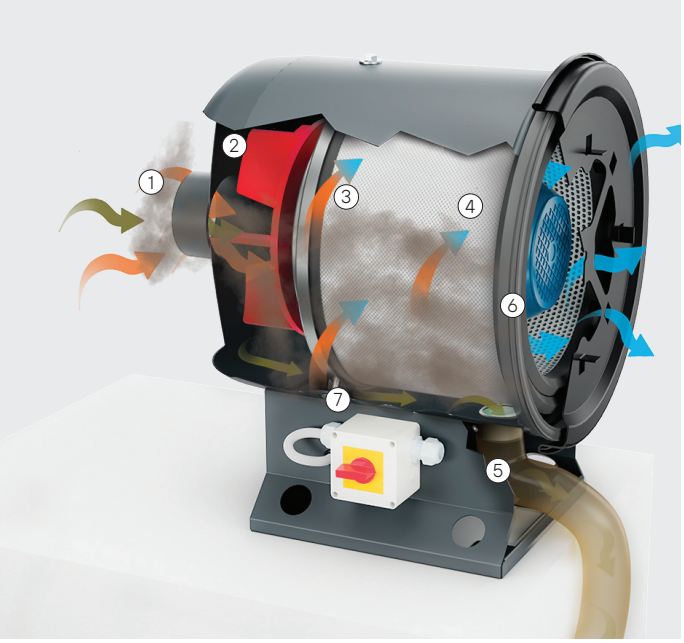


Absolute filter cartridge HEPA H13

# Principle of operation

Polluted air is drawn through a pipe and, driven by the ventilation system, undergoes a separation and filtration process. Oily particles are first separated mechanically, then captured by a multi-stage filtration system. The collected oil can be recovered, while the purified air is returned to the environment.

**Noil**




POLLUTED AIR

Oil

FILTERED AIR

1. Oil mists inlet
2. Impeller
3. Wire meshg filter cartridge + polyester filter cartridge
4. Motor
5. Oil discharge
6. Filtered air outlet
7. Start/Stop Switch

# Filtration (OPTIONS)

**Pre-filtration**

Recommended to prevent the entry of airborne particles such as dust. The system is complete with an acrylic filter, a flat metal filter, and a metal labyrinth filter, providing reliable initial filtration before the air reaches the main unit.

**Post-filtration**

For heavy-duty use or in environments with significant fumes, the use of post-filtration with an additional HEPA H13 cartridge is recommended to ensure optimal diffusion of filtered air into the workspace.






# Product range

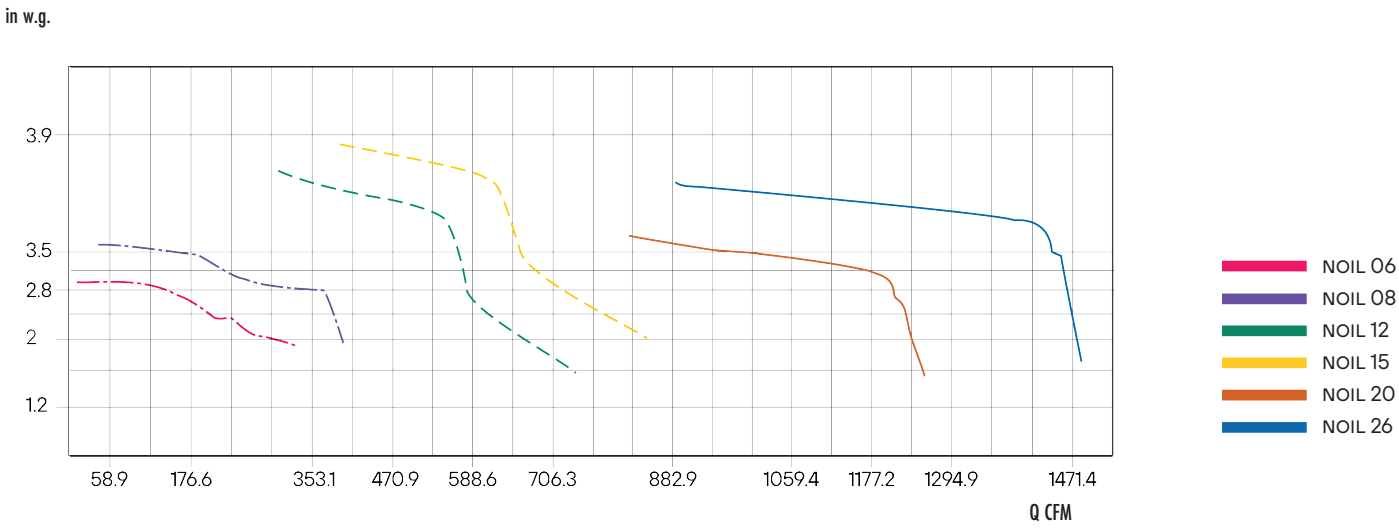



## Noil

The machine effectively extracts and filters oil mists, keeping work environments clean and safe. Ideal for a wide range of applications, including mechanical workshops, graphics production, and food processing facilities.

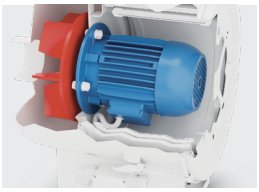
# Technical features

| Technical features | | Noil model | | | | | |
|---|---|---|---|---|---|---|---|
| | | 06 | 08 | 12 | 15 | 20 | 26 |
| Power | HP | 1 | 1 | 2 | 2 | 2 | 3 |
| Maximum airflow capacity | CFM | 324 | 471 | 765 | 883 | 942 | 1177 |
| Suction inlet | Øin | 4 | 4 | 6 | 6 | 7 | 8 |
| Classification | | POLYESTER WIRE MESH | | | | | |
| RPM | | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| Standard power supply | V<br>Hz | 230/460<br>60 | 230/460<br>60 | 230/460<br>60 | 230/460<br>60 | 230/460<br>60 | 230/460<br>60 |
| Noise level | dB | 68 | 72 | 74 | 75 | 75 | 76 |
| Total weight | lb | 62 | 64 | 122 | 124 | 126 | 128 |
| Static available pressure | in w.g. | 2 | 2 | 2 | 2 | 2 | 2 |



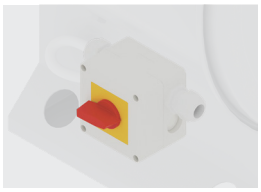
# Standard Components

**Noil**



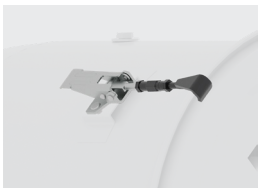
Fan

**Noil**



Thermal switch

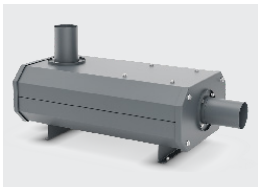
**Noil**



Quick-release couplings

# Options

**Noil**



Pre-filtration unit

**Noil**



Installation kit for Pre-filtration unit

**Noil**



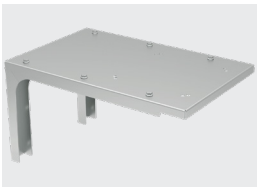
Post-filtration unit HEPA H13 cartridge

**Noil**



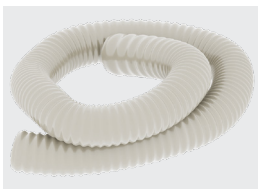
Floor stand H 78.7”

**Noil**



Wall bracket

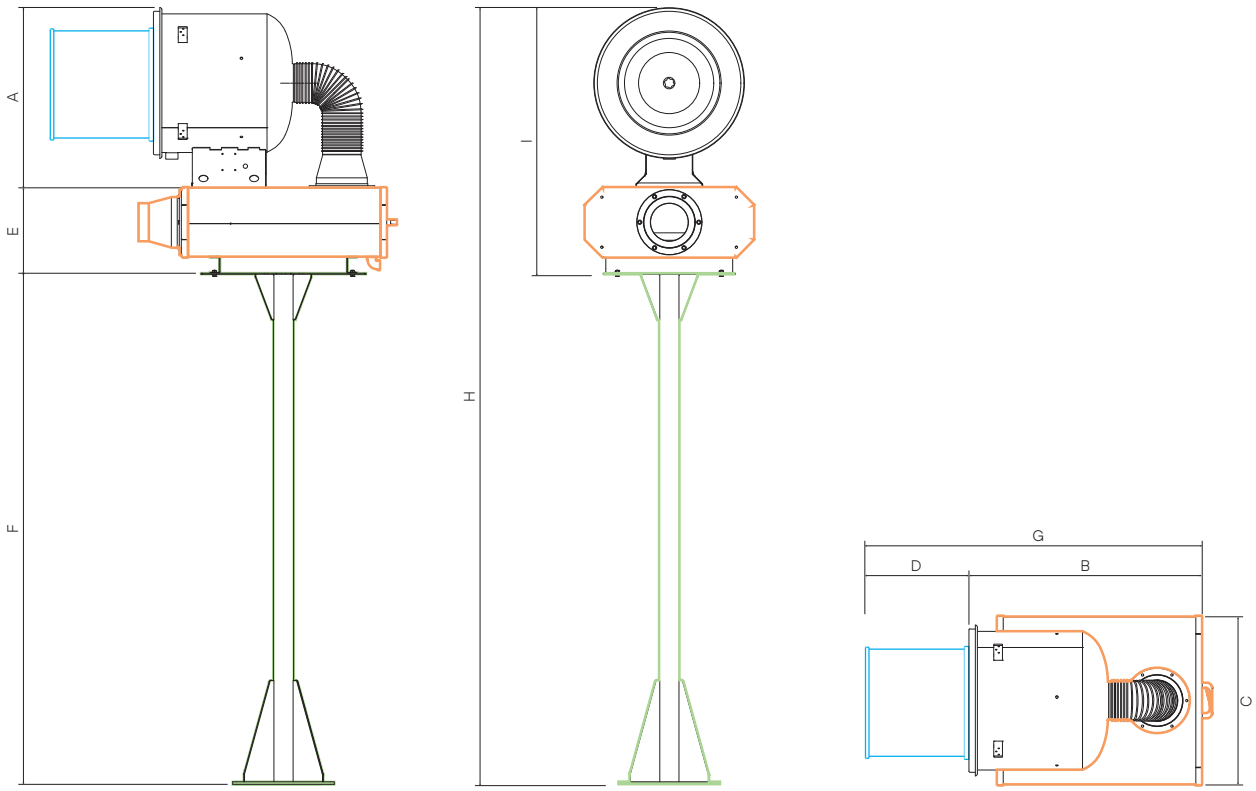
**Noil**



Oil drain installation kit

# Overall dimensions

## Noil




| MODEL | DIMENSIONS (in) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| **Noil 06 \|08** | 20.3 | 29.7 | 16.3 | 11.8 | 11.9 | 79.3 | 41.6 | 111.5 | 32.2 |
| **Noil 12 \| 15 \|20\|26** | 28 | 36.2 | 26 | 16.1 | 13.2 | 79.3 | 52.3 | 120.5 | 41.2 |

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

# Packaging information




| MODEL | PLATFORM N. | DIMENSIONS (in) AxBxH | WEIGHT (lb) |
|---|---|---|---|
| Noil **06 \| 08** | 1 | 24 x 20 x 24 | 88 |
| Noil **12 \| 15 \| 20 \| 26** | 1 | 33 x 25 x 30 | 144 |

| MODEL Post-filtration | CARDBOARD N. | DIMENSIONS (in) AxBxH | WEIGHT (lb) |
|---|---|---|---|
| Noil **06 \| 08** | 1 | 16 x 16 x 16 | 7 |
| Noil **12 \| 15 \| 20 \| 26** | 1 | 18 x 18 x 20 | 11 |

| MODEL Pre-filtration | CARDBOARD N. | DIMENSIONS (in) AxBxH | WEIGHT (lb) |
|---|---|---|---|
| Noil **06 \| 08** | 1 | 17 x 16 x 17 | 7 |
| Noil **12 \| 15 \| 20 \| 26** | 1 | 22 x 22 x 21 | 11 |

| MODEL Floor stand | PLATFORM N. | DIMENSIONS (in) AxBxH | WEIGHT (lb) |
|---|---|---|---|
| Noil **06 \| 08** | 1 | 87 x 20 x 24 | 100 |
| Noil **12 \| 15 \| 20 \| 26** | 1 | 87 x 20 x 24 | 100 |

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



# Coral USA

Coral USA provides innovative fume extraction and dust collection solutions for industrial applications.
With decades of experience, Coral combines technical expertise, reliable performance, and a strong commitment to helping you maintain a safer, cleaner, and more productive workplace.

Based in Texas, we're ready to support your business with advanced solutions, responsive service, and ready-to-ship inventory.

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