



ANTIPOLLUTION SYSTEMS



THE NOIL UNIT HAS BEEN MADE TO PURIFY THE AIR IN WORKING PREMISES WHERE OILY FUMES ARE PRODUCED AND TO RECOVER THE OIL

# NOIL



THE NOIL FILTER UNIT HAS BEEN MADE TO PURIFY THE AIR IN WORKING PREMISES, WHERE OILY FUMES ARE PRODUCED AND TO RECOVER THE OIL ALLOWING THE RECYCLE OF IT.

#### APPLICATION

**MECHANICAL INDUSTRY:** lathe for multiple operations, threading machines, gear cutting machines, and so on.  
**GRAPHIC ARTS:** rotary presses for newspapers, ink smoke, etc...  
**FOOD INDUSTRY:** vegetal oil nebulizers, machines for alimentary paste working, etc...  
**OTHER:** turbines, compressors, pumps, greasing machines, nebulizers, etc...

#### HIGHEST EFFICIENCY :

Thanks to the joint use of a BIA tested USG,C rated cellulose pre-filter and polyester filter an high efficiency up to an average value of 98% in the capture of oil particles is guaranteed. The filtered air is then recycled in the work premises.

#### OIL RECOVERY :

The filtered oil collected in the low part of the separator gets out from the oil outlet which guarantees the almost total oil recovery and the relative recycle.

The oil outlet of NOIL provided with a 1" 1/2 pipe union must always be plunged into the oil recycle tank so that there is no air escape (see installation examples).

#### REDUCED OVERALL DIMENTIONS :

The NOIL separator is very solid and has reduced dimensions thanks to the inside mounting of the ventilator, allowing an easy adaptability to all machine tools.



**NOIL  
12/15/20/26**



**NOIL  
06/08**

POLYESTER CARTRIDGE



**POST-FILTER**

**NOIL WITH POST-FILTER FOR SMOKES  
(OPTIONAL)**

► In case of heavy duty use where smokes are present we suggest to apply the post-filter with BIA tested USG, C teflon coated cartridge. The post-filter is supplied complete with 90° bend for an even distribution of the filtered air in the room.

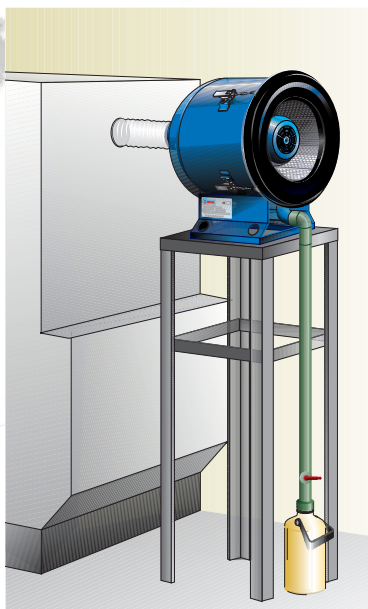


UNIT HAS BEEN MADE TO PURIFY THE AIR IN WORKING PREMISES WHERE OILY FUMES ARE PRODUCED AND TO RECOVER THE OIL

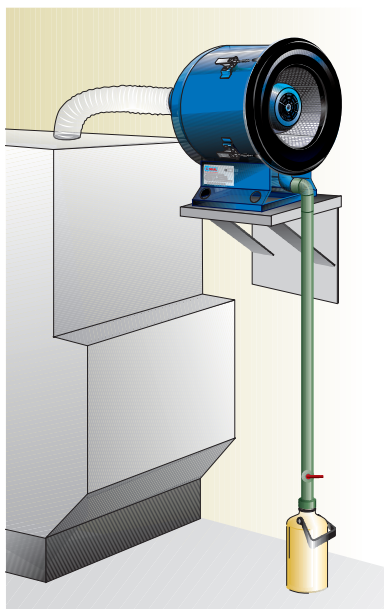
## INSTALLATION EXAMPLE

- ▶ A) Stand support installation
  - B) Installation on a wall mounted bracket
  - C) Installation on a column support
- Other installations allow the direct fixing of the NOIL unit to the machine tool or cart mounting

**A**



**B**



**C**

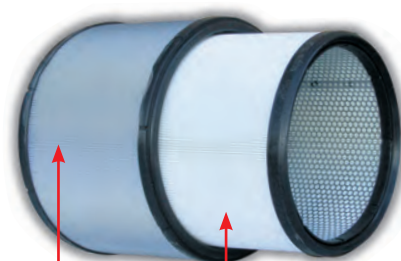




**1** OIL MIST AIR INLET

**2** IMPELLER

**3** FILTER CARTRIDGE



Cellulose filter cartridge

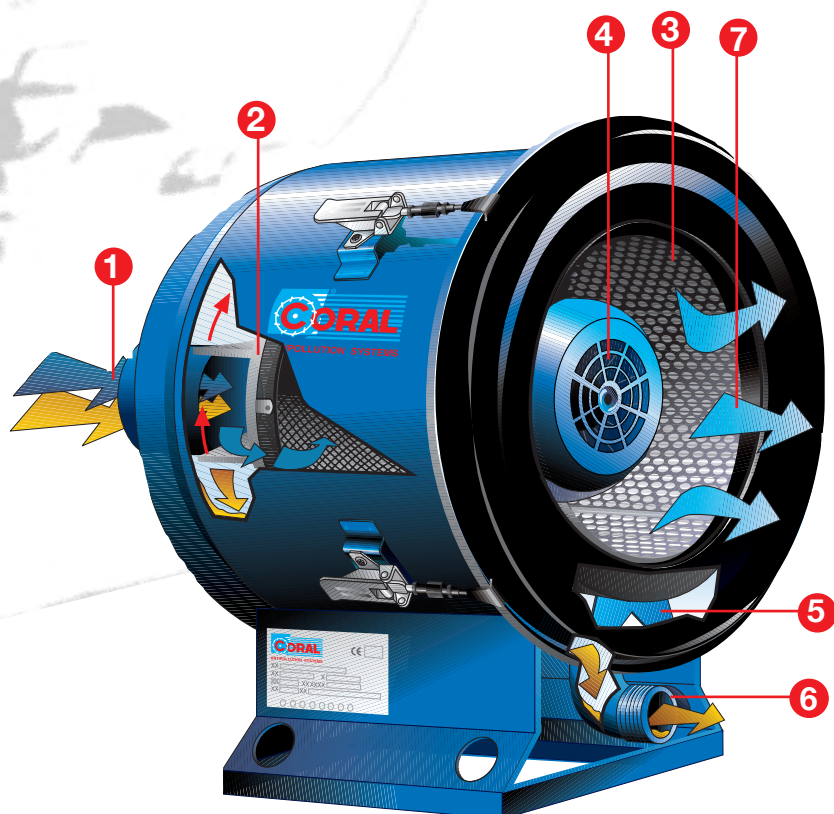
Polyester cartridge BIA USG,C rated

**4** ELECTRIC MOTOR

**5** CARTRIDGE HOLDING BRACKET

**6** OIL OUTLET

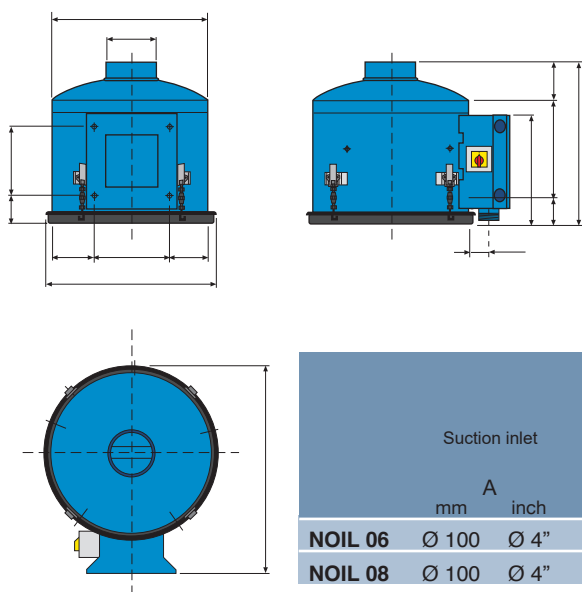
**7** CLEAN AIR OUTLET





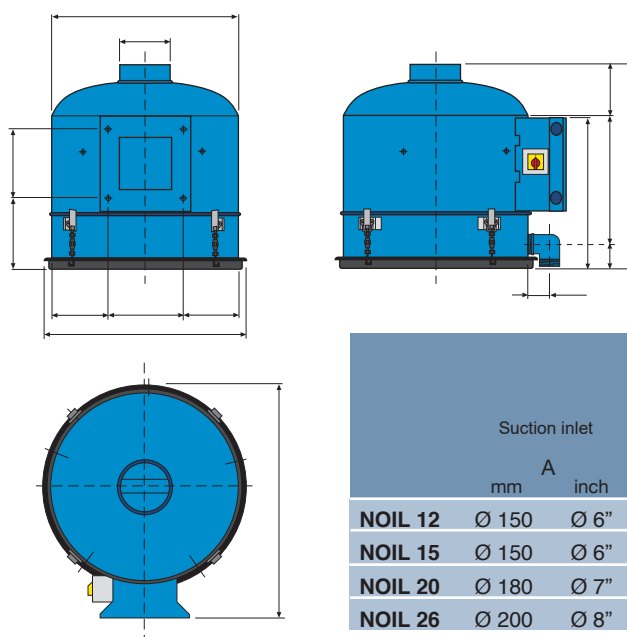


## NOIL 06-08



Dimensioni (mm) - Dimensions (mm) - Dimensions (mm) - Maße (mm) - Medidas (mm)

## NOIL 12-15-20-26

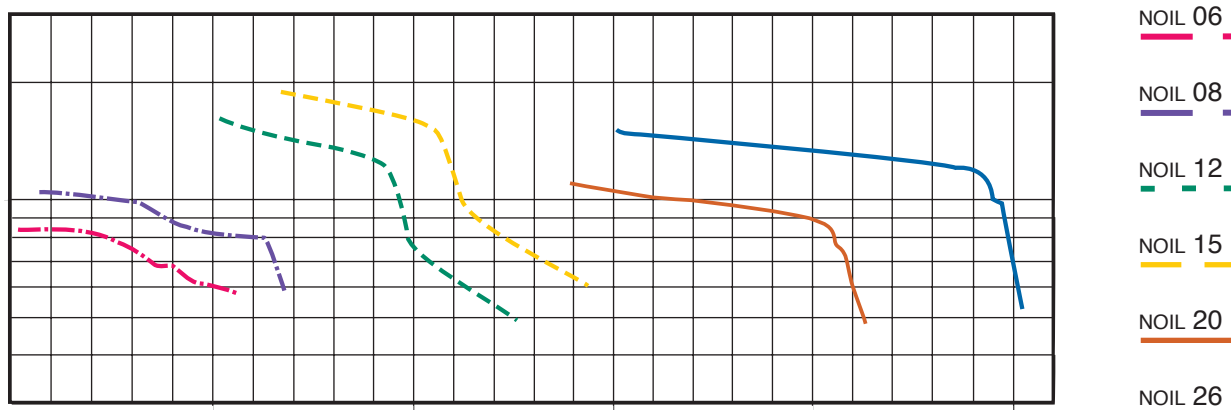


Dimensioni (mm) - Dimensions (mm) - Dimensions (mm) - Maße (mm) - Medidas (mm)

Model	Max air flow		Static pressure [mmH <sub>2</sub> O/Pa/bar]	Motor 230/400V-50Hz-2900 rpm [kW - HP]	Gross weight		Noise level [dB(A)]
	[m³/h]	cfm			[Kg]	LBS	
NOIL 06	600	350	50/500/5x10 <sup>-3</sup>	0.75 - 1	28	62	68
NOIL 08	800	470	50/500/5x10 <sup>-3</sup>	0.75 - 1	29	64	72
NOIL 12	1200	700	50/500/5x10 <sup>-3</sup>	1.5 - 2	55	122	74
NOIL 15	1500	880	50/500/5x10 <sup>-3</sup>	1,5 - 2	56	124	75
NOIL 20	2200	1290	50/500/5x10 <sup>-3</sup>	1,5 - 2	55	122	75
NOIL 26	2600	1530	50/500/5x10 <sup>-3</sup>	1,5 - 2	56	124	76

NOIL 06 & 12 not available at 60 Hz

mmH<sub>2</sub>O



Q mc/h

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



**ANTIPOLLUTION SYSTEMS**

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