

Polex Environmental Engineering Pty Ltd
ACN 121 129 842

Oil Mist Filter Series

Description

The Coral NOIL filter unit has been made to purify air in working premises where oily fumes are produced, and to recover and allow the recycling of the oil.

Operating Principle

Thanks to the joint use of a BIA tested USG, C rated cellulose pre-filter and polyester filter, up to 98% (average) capture of all oil particles is guaranteed. The filtered air is then recycled back into the work premises.

The filtered oil collected in the low part of the separator is drained out through the oil outlet which guarantees high oil recovery.

The oil outlet must always be connected into an oil recycling tank so that there is no air escape.

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

Construction

- 1.2 thick rolled mild steel construction
- Painted finish

Applications

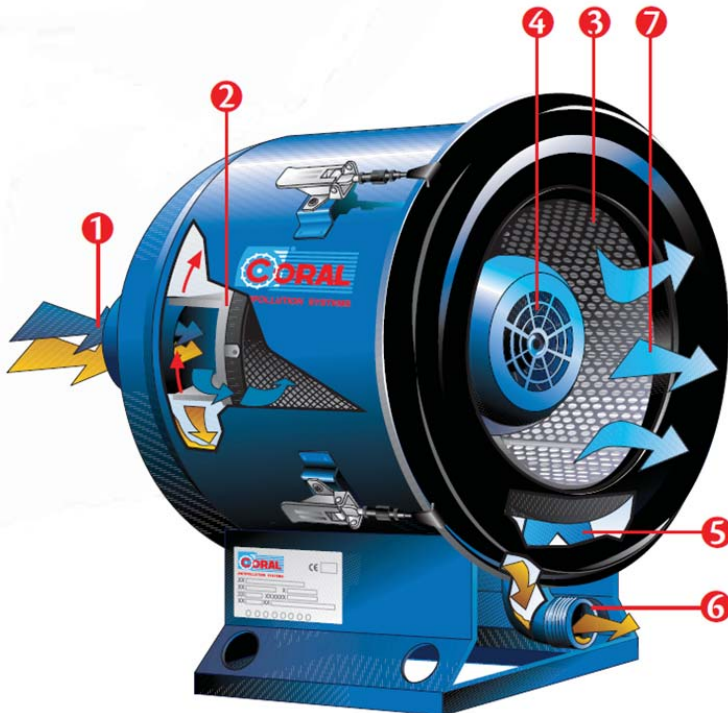
Lathes, threading machines, gear cutting machines, rotary presses, ink smoke and many more.

Options

In case of heavy duty use where smoke is present we suggest to use the post-filter comprising of a BIA tested USG, C Teflon coated cartridge.



Optional Post-Filter



1	Oil mist air inlet
2	Impeller
3	Filter cartridge
4	Electric motor
5	Cartridge holding bracket
6	Oil outlet
7	Clean air outlet

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