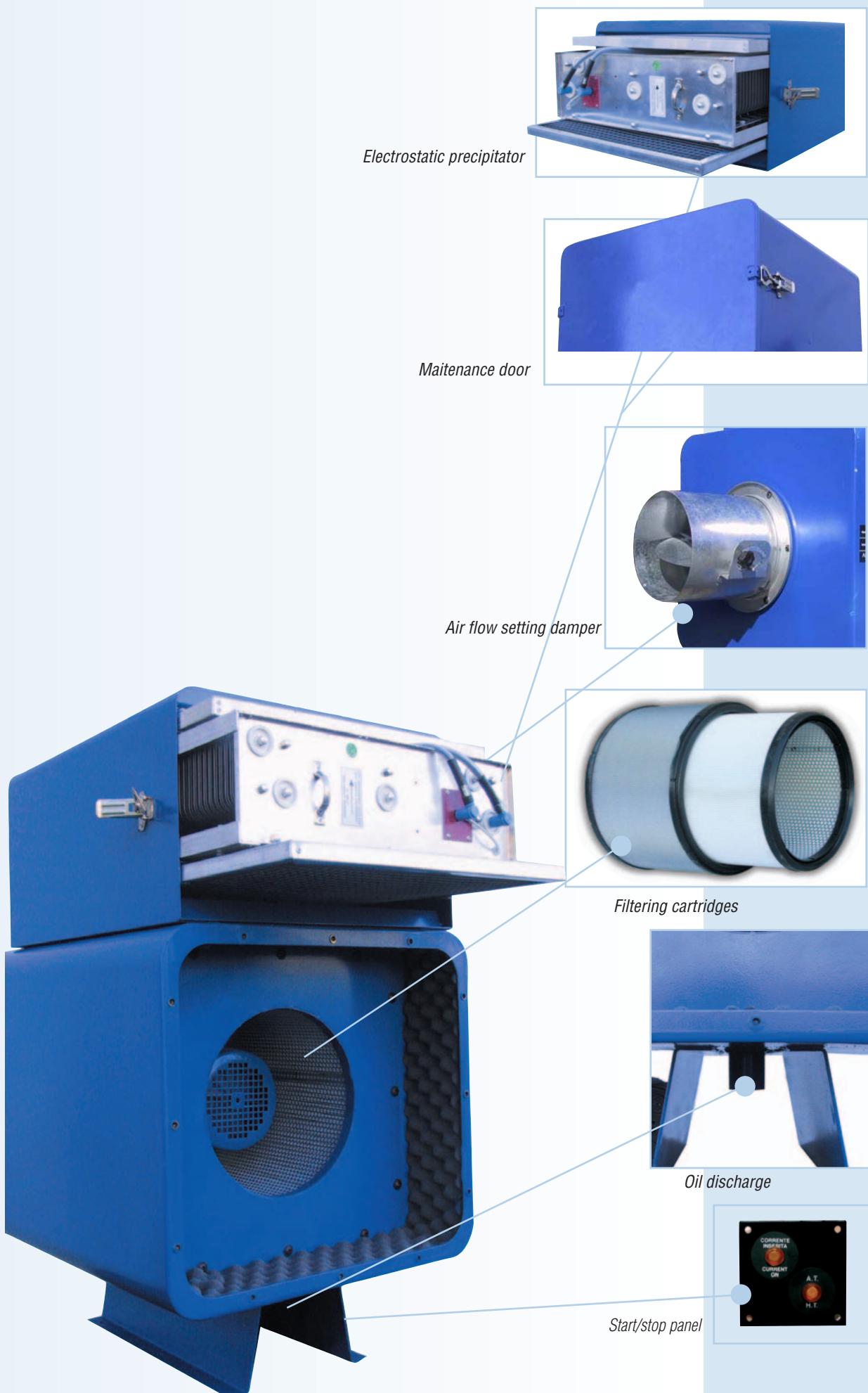


AEROIL



The AEROIL filter unit has been made to purify the air in working premises, where oily fumes, oil mist are produced and to recover the oil allowing the recycle of it.



THE AEROIL PURIFIED THE AIR IN WORKING PREMISES WHERE OILY FUMES ARE PRODUCED AND RECOVERS THE OIL

APPLICATION

MECHANICAL INDUSTRY: lathe for multiple operations, threading machines, gear cutting machines, and so on.

GRAPHIC ARTS: rotary presses for newspapers, ink smoke, ecc

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. Second filtering stage composed by an electrostatic filter with efficiency up to 99,99%. 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 AEROIL provided with a 1" pipe union must always be plunged into the oil recycle tank so that there is no air escape

REDUCED OVERALL DIMENSIONS :

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

TECHNICAL FEATURES

AEROIL range filters are electrostatic and, for this reason, are equipped with power circuit protected from accidental short-circuiting and discharge between electrodes. All filters are equipped with a limit switch and a start/stop panel. The panel includes an on/off switch, a power warning light, a filter short-circuit warning lights and a clearly visible heat warning light. All units are made of folded metal sheet and are finished with environmentally-friendly paint. They are tough and equipped with eyebolts for easy, simple fitting. The fans are both powerful and silent.

CHARACTERISTICS

The AEROIL range air filtering system directly derives from the CORAL Modular range. Specific characteristics are: high filtering efficiency, CORAL dual voltage electrostatic cell, excellent quality-price ratio and motor directly coupled to the impeller. The performance and dimensional characteristics of the filters are a considerable advantage in everyday use on processing lines for solving also complex problems of pollution deriving from oil mist and industrial fumes.

1 Oil mist / fumes air inlet

2 IMPELLER

3 FILTER CARTRIDGE

4 ELECTRIC MOTOR

5 OIL OUTLET

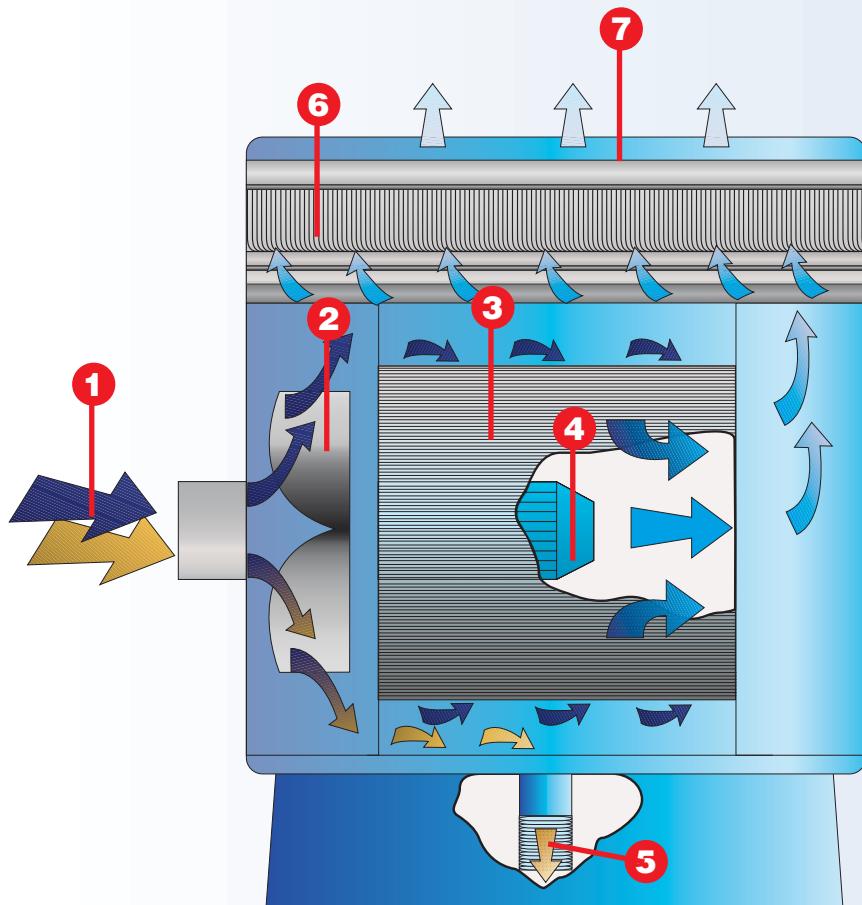
6 ELECTROSTATIC FILTER

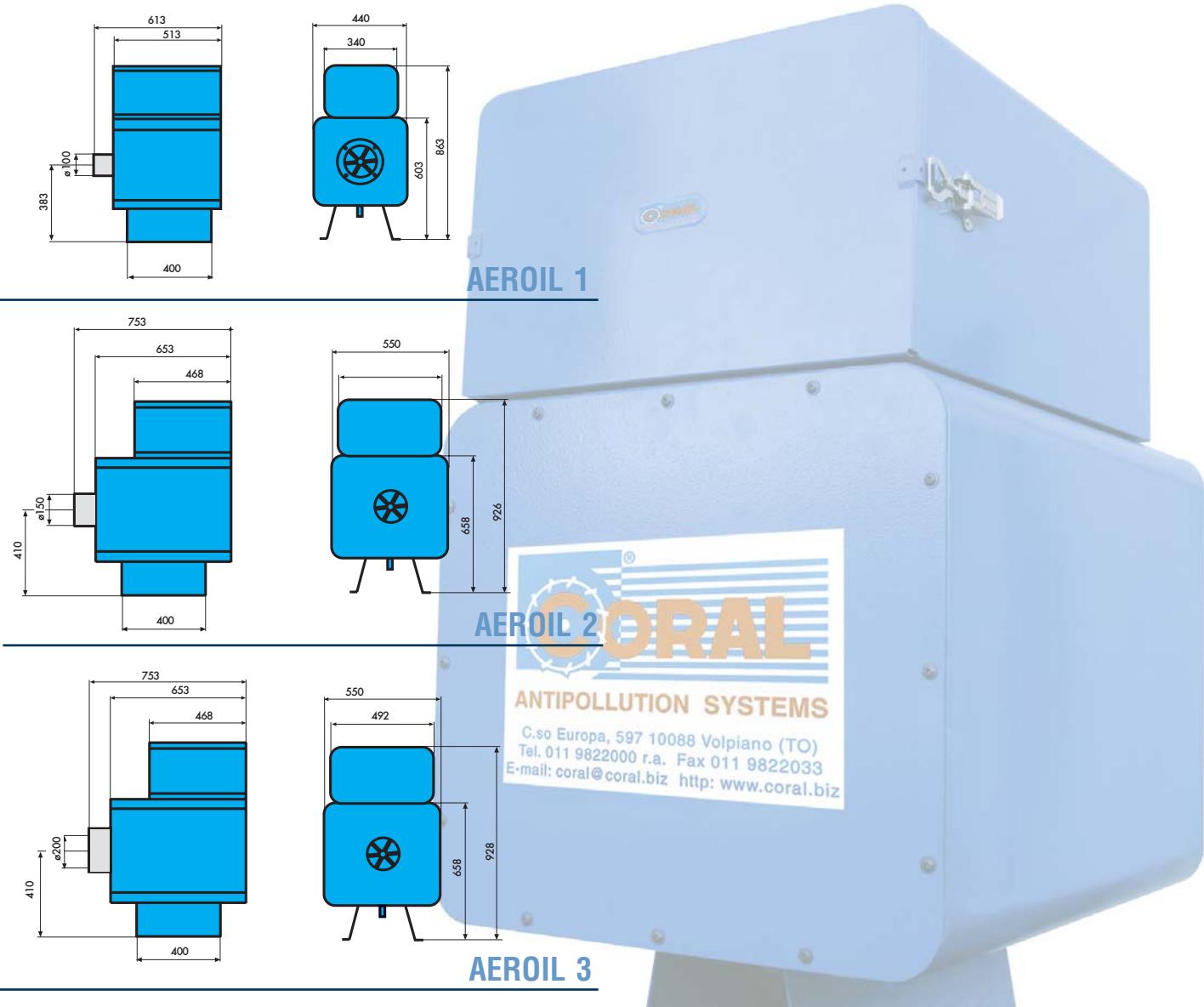
7 CLEAN AIR OUTLET

Polluted air

Oil

Clean air





Model	Unit	Delivery m ³ /h	Power kW	Noise level db(A)	Tension V	Net Weight Kg
Aeroil 1 Hp	centrifugal+electrostatic	800	0,75	75	400 3/ 50 HZ	35
Aeroil 2 Hp	centrifugal+electrostatic	1.200	1,50	77	400 3/ 50 HZ	56
Aeroil 3 Hp	centrifugal+electrostatic	2.000	2,20	78	400 3/ 50 HZ	61



ANTI POLLUTION SYSTEMS

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