

# FILTER FOR OIL MIST FCO

## DESCRIPTION

The range is comprised of air filtration modular units for oil mists. There are three filtration levels of filtering to obtain maximum efficiency.

### *Operating principle*

The flow of polluted air enters the first phase of filtration that thanks to the centrifugal force causes first treatment, then the fluid passes through the secondary phase, further separates oil mist filtration, the last phase in high efficiency filtering bag will treat remaining pollutants and micro dust particles.

### *Construction details*

The structure is made of painted carbon steel fully welded, filters are enclosed in a body with inspection door. The handy tap located under the tank allows easy unloading of accumulated fluid.

## OPTIONALS

ATEX Conformity 20-22, Hepa Filtration, Stainless steel 304/316, Paint resistant to hostile environments, fire protection system, silencer.

## APPLICATION FIELDS



ENGINEERING



TEXTILES



RUBBER AND PLASTIC



AUTOMOBILE



MOD. FCO	UNITS OF MEASURE	FCO-40	FCO-60	FCO-100
Filtering surface 2° stage	m2	2.8	4.2	5.6
Filter Quantity	n°	4	6	8
Filtering material	/	Galvanized grid G2		
Filtering surface 3°stage	m2	17	34	51
Filtering material	/	Fiberglass F6		
Suggested air flow rate	m3/h	4000	6000	10000
Filtration efficiency	>%	99.9 (hepa)		
True HEPA filter	/	H13		
Oil capacity	lt	20	25	40
Non-return valve	n°	OPTIONALS		
Drop loss	mmH2O	110		
Structure	Material	Painted carbon stainless steel		
Weight	kg	210	280	370
A	mm	882	1266	1266
B	mm	1120	1120	1420
C	mm	1913	1913	1913
Ø D	mm	250	350	450

