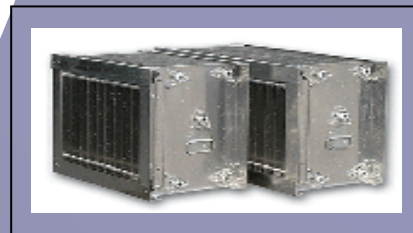
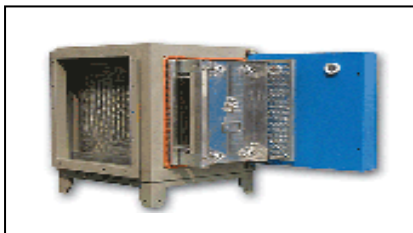


Mist Collector



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Mist Collector

Why do We Use Mist Collector?

High speed machines, especially the high-speed milling & grinding machines will produce a lot of heat during the working. The lube and cooling fluid is very easy to evaporate when it meets high temperature metals parts, and creating a lot of oil mist. This mist consists of poisonous gas, which does harm to worker's health greatly. The oil mist in the air will not only pollute the environments, but also sticks to clothes of operators and do harm to their health.

To protect the health and guard against occupational disease, prolong the service life of machines and increase productivity, governments in many countries practice strict laws to control the oil mists. Most of the CNC machines are equipped with suitable oil and mist collectors.

Applications of Mist Collector

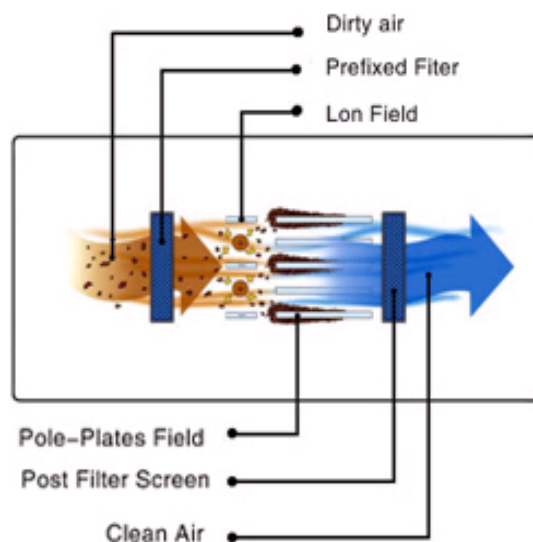
Typical application in **machine tool industry, hotel, restaurant, canteen and food processing factories.**

Our units match all size space requirements. Besides the standard series, we provide customized solutions to all mist collection applications.

Operating Principle

The dual-parts construction includes ionizing part and collecting part. A series of tungsten filament and opposite earthing plates constitute the ionizing part.

The dirty motes are charged P/N by the ionizer. A Series of parallel plates constitute the collecting part. The plates are charged by hi-tension DC (same electrode as ionizer, half voltage), form the electric field. Charged corpuscles are attracted by earthing plates, simultaneously repelled by charged plates. Thus, the dirt motes are easily removed.



Mist Collector

Technical Features

1. Intelligent: Indicating the working status automatically through indicating lights flashing.
2. Hi-Efficiency: Collecting all sizes of oil mist high efficiently
3. Flexible: Modularized purification units can fixed optionally, the quantity of the units can be adjusted according to the workload and purifying levels
4. Convenient: Drawer-Style Modularized purification units are easy to be fixed, maintained and cleaned.
5. Advanced: Static power supply control sys can automatically adjust electric field intensity, which keeps the long-term and durable hi-efficiency.
6. Safe: With carefully designed safety system, the high tension supply switches off automatically.
7. Stable: Static power supply control system fixed with overload protection.

Specifications

Type	Airflow treated CMH	Size L*W*H	Flange W*H	Input Voltage	Rated Power	Pressure Drop (Pa)	Filter Efficiency	Weight KG
MC-30B	3000	510*710*675	472*507	220V	36W	110	90%	45
MC-30B(V)	6000	510*710*1350	472*507*2	220V	72W	110	90%	90
MC-30B(H)	5000	1020*710*675	472*507*2	220V	72W	150	95%	90
MC-40B	4000	510*890*675	652*507	220V	48W	110	90%	62
MC-40B(V)	8000	510*890*1350	652*507*2	220V	96W	110	90%	124
MC-40B(H)	7000	1020*890*675	652*507*2	220V	96W	150	95%	124
MC-60B	6000	510*1260*675	1182*507	220V	70W	110	90%	83
MC-60B(V)	12000	510*1260*1350	1182*507*2	220V	140W	110	90%	166
MC-60B(H)	10000	1020*1260*675	1182*507*2	220V	140W	150	95%	166

NOTES: