

Kube Series

The Kube range of air filters is designed to extract and filter various types of oil mist and micro -pollutants with high efficiency. With five stages of filtration, including an absolute (HEPA) filter the KUBE series is built to comply with the strictest standards. Additionally, the newest motor generation used in the KUBE series ensure impressive energy savings making it an ideal solution for those looking to reduce their energy consumption



Features:

- Air flow from 400 to 2500 m³/h
- 4 stages of filtration with progressive efficiency
- Aesthetics and performance in a snapshot

Working Principles:

The backward-curved impeller blades (1), perfectly balance in order to avoid vibrations, conveys the air flow inside the mist collector. In the next chamber, the fluid undergoes a substantial slowdown and passes through the effective labyrinth prefilter (2). Which retains coarse oil particles. The air laden with residual mists passes through the coalescing mat (3), which can be regenerated by washing, and then through a special cartridge with a very high filtering surface area (3), The latter is iFA-BGIA certified, classified as M with an efficiency of 98 percent according to DIN EN 60335-2. Combining these two components captures up to 98% of polluting micro-mists, allowing extended maintenance interval. Upon exiting the last filter stage, the air is free of all polluting particles and can be reintroduced into the environment by a drain system (5) that ensures flawless and efficient drainage in any operating situation.



Best application Solutions:

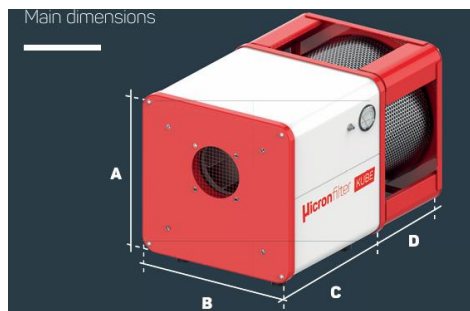
The Kube series is specifically designed to eliminate oily mist produced by machine tools by recirculating purified air within the work environment.

The technology uses two fully regenerative pre-filter and a polyester cartridge filter to provide extremely high oil grade particle collection efficiencies, averaging over 98 percent. Absolute post-filtration (HEPA) further increases the level of filtration, completely eliminating all traces of contaminants.

The recondensed oil is collected at the bottom of the separator and discharged through a special tube drain pipe. The internal electrical fan makes the KUBE extremely compact and easily adaptable to any machine tool.



Main dimensions



Model	A (mm.)	B (mm.)	C (mm.)	D (mm.)	Air Flow (m³/h)	Power (Kw)	Filtration Area (m²)	Ø Inlet (mm)	Noise Level (dBA)	Weight (Kg)
Kube 400	335	331	349	216	400	0,25	2	120	69	25
Kube 800	468	468	450	268	800	0,37	6	150	69	40
Kube 1200	468	468	450	268	1200	0,55	6	150	69	45
Kube 2000	510	610	552	473	2000	0,75	12	200	69	60
Kube 2500	510	610	552	473	2500	1,1	12	200	69	65