

The Handte EM-O Compact was specially developed for easy integration in tooling machines for small to medium air volumes as a flexible oil mist separator for different range of application.

### APPLICATIONS

Its areas of application are tooling machines with full lubrication (emulsion or oil) and for selected minimum quantity lubrication. Due to the high flexibility, the most diverse applications can be served, especially in the field of aerosol mist separation.

### CAPACITY

Depending on the application, the size 1.0 can be used with an air volume from 800 m<sup>3</sup>/h up to 1.200 m<sup>3</sup>/h.

### DESIGN

The design of the filter elements guarantees easy replacement without tools due to their low weight, compact design and special installation situation. A coarse pre-separator, e.g. for solid or larger dirt loads, protects the subsequent fine filter elements.

### EFFICIENCY

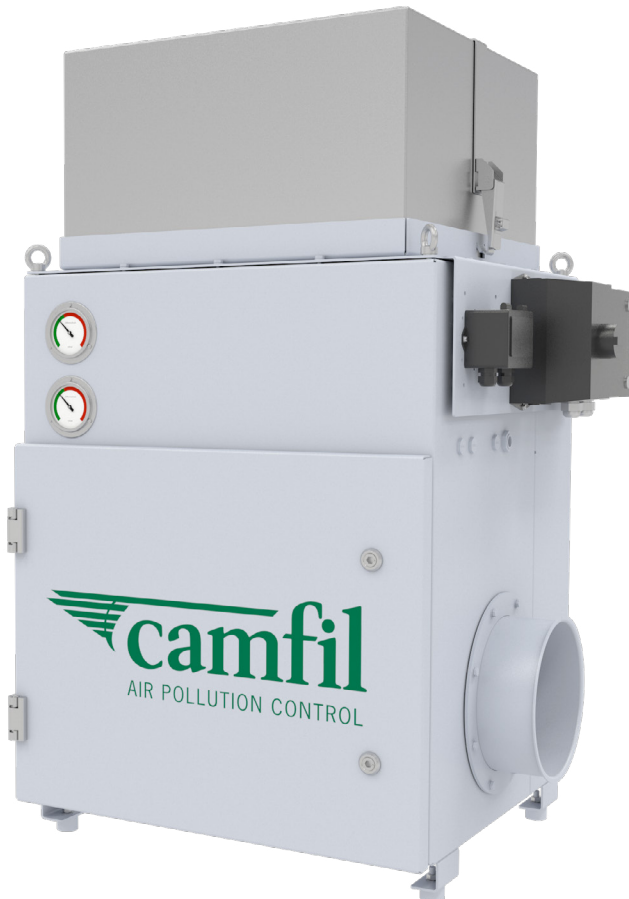
The separator with its progressive filter design and maximized filter surface area in the smallest space ensures the highest separation efficiency and low emission values, better as the technical standard today. Optimized filter media enable the best possible drainage of the separated aerosols during continuous operation, long service life of the filter elements and high plant availability.

### ENERGY

Especially due to the maximized filter area, the lowest differential pressures are maintained, which guarantee considerable energy savings in operation over the long term.

### INSTALLATION

Thanks to its space-saving and attractive design, the EM-O Compact can be easily integrated on machine tools or even next to a machine with an additional available support rack or in the technical center, e.g. hydraulic area of machine tools. An electrical connection can be easily performed via various available interfaces, following the principle of plug and play.



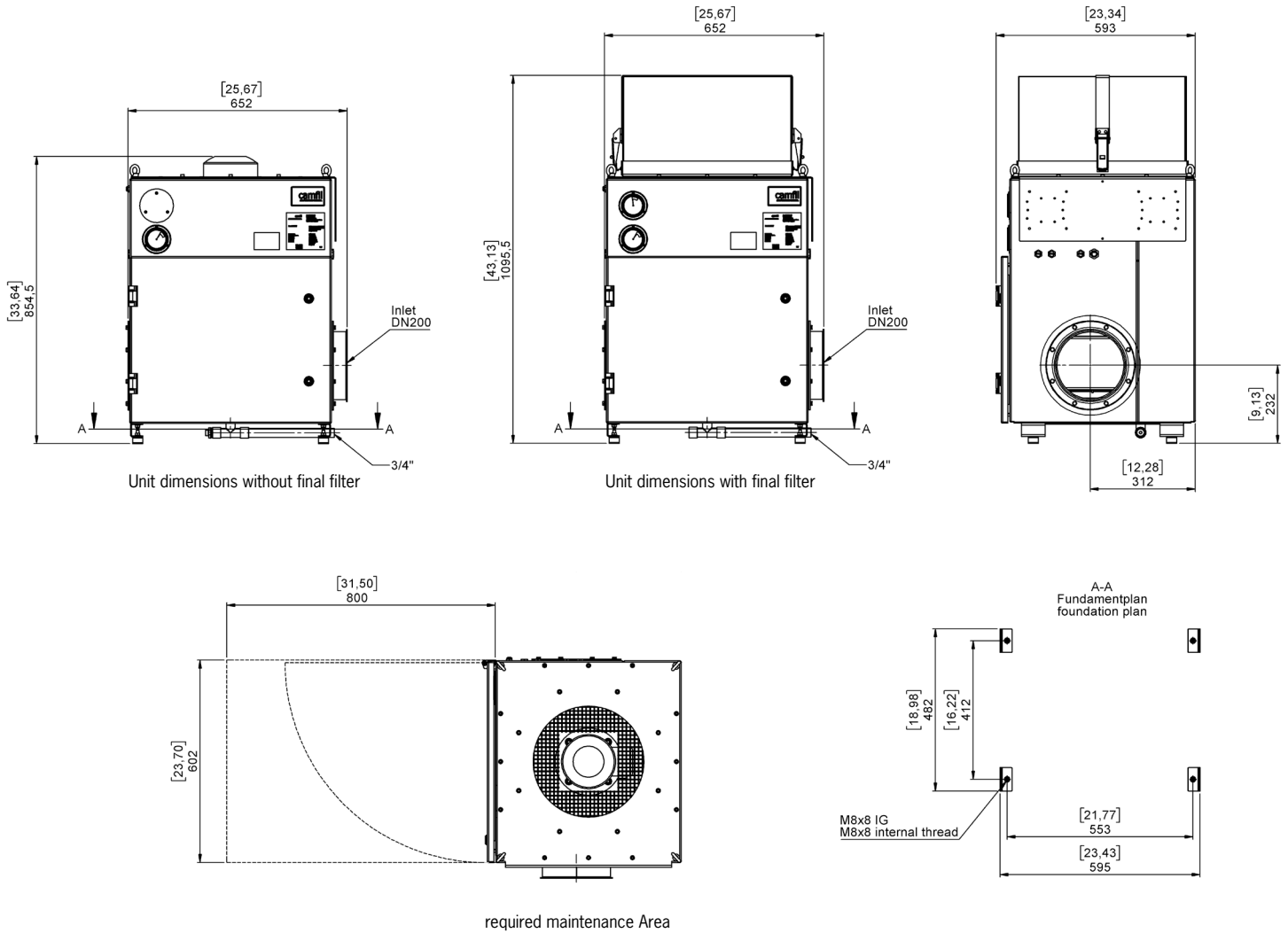
### BENEFITS

- ✓ Compact construction
- ✓ Maximum filter area
- ✓ ISO ePM<sub>1</sub> 80% separation efficiently (filtration) with optional EPA11 or HEPA13 filter
- ✓ Low energy consumption due to low pressure loss
- ✓ Long service life: up to 6000 hours or 2 years
- ✓ Toolless filter change
- ✓ Plug & work
- ✓ Optional available forward-looking EC technology

#### Note

Not suitable for explosive dusts, gases or aerosols.

### TECHNICAL DATA



Detail	Data
Air performance	800-1.200 m <sup>3</sup> /h
Installed motor (IE3)	1,1 kW
Filter class	ISO ePM <sub>1</sub> 80% separation efficiently (filtration) with optional EPA11 or HEPA13 filter
Coolant lubricant handling	Prepared for feedback
Noise level	72-74 dB(A)
Weight	from 97 kg (depending on configuration)
Dimensions	see dimension table