



For air volumes of 300 up to 3500 m³/h we manufacture efficient and compact individual filter units. Saving space with a small footprint, they can be installed on or next to any type of machine, device or system. For higher separation performance with extreme particle loads, all individual filter units are available as tandem unit with two filter stages, or as a combination of electrostatic stage with mechanical post-filter.

The B 1000 series is designed for small and medium-sized machines and applications. Thanks to its compact design, it can be positioned next to, behind or on a machine. Also designed for energy efficient and powerful filtration of particles down to 0.1 µm from air volumes of up to approx. 1000 m³/h.

Ideal for oil smoke as well as oil and emulsion mist.



// Principle and equipment example of an electrostatic filter unit
B 1000 EF (example)
horizontal air direction left to right

1 air inlet, 2 baffle plate, 3 pre-filter stainless steel mesh, 4 combined ionization / collector cell (2x at Tandem -> 2 stage design), 5 after filter stainless steel mesh, 6 control unit

		B 1000 MF	B 1000 EF	B 1000 EFT
Air Volume	Up to m ³ /h	1000	1000	1000
Air Pressure	external Pa	200	200	200
Power Consumption	kW	0,6	0,3	0,3
Air Intake	Ø mm	180	180	180
Length	mm	850	850	1100
Depth	mm	545	545	545
Height	mm	470	470	520
Weight approx.	Filter unit only kg	70	70	120
Ionizer / Collector	Qty. / Type	-	1 Combined Cell	2 Combined Cells
Current actuation	kV	-	7	7
Plate Space	mm	-	6	6
Filter Surface	m ²	16	6	2 x 6
Dimensions Filter Cell	W/H/D mm	505 x 375 x 215	505 x 375 x 210	505 x 375 x 210
Weight Filter Cell	kg	-	9	2 x 9
Noise Level	db	65	65	65
Mechanical Filter Cell	Filter class standard	F9 oil and water repellend	-	-

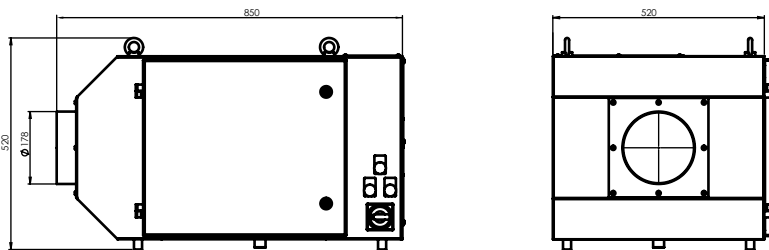
If you have any further question about filter classes and types, applications, services and project-specific quotations, we are happy to support you.

Contact us by phone
+49 (0) 6195 809207-0

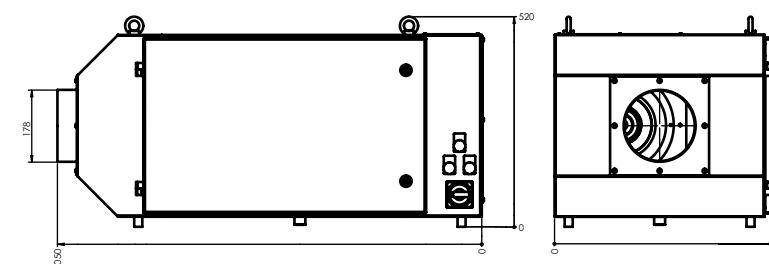
Or send us an email via
info@me-filtertechnik.gmbh

// CUSTOMIZED

- Air direction either horizontally left to right, right to left, or vertical.
- Adaptation of country-specific supply voltages for all filter units.
- Customer-specific special designs for air inlet or filter fitting possible.



// Front and side view
B 1000 EF - individual filter unit



// Front and side view
B 1000 EFT - individual filter unit
(2-stage-design)

// Electrostatic Air Filter Units - Mechanical Air Filter Units Complete Solutions - Service