



For air volumes of 300 up to 1800 m<sup>3</sup>/h we manufacture efficient and super compact individual filter units. Saving space with a very 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 m<sup>3</sup>/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 C                | B 1000 EF C      | B 1000 EFT C     |
|------------------------|-------------------------|----------------------------|------------------|------------------|
| Air volume             | Up to m <sup>3</sup> /h | 1000                       | 1000             | 1000             |
| Air Pressure           | external Pa             | 200                        | 200              | 200              |
| Power consumption      | kW                      | 0,6                        | 0,3              | 0,3              |
| Air Intake             | Ø mm                    | Flange 512 x 317           | Flange 512 x 317 | Flange 512 x 317 |
| Length                 | mm                      | 614                        | 614              | 614              |
| Depth                  | mm                      | 390                        | 390              | 390              |
| Height                 | mm                      | 510                        | 510              | 770              |
| Weight approx.         | Filter unit only kg     | 60                         | 65               | 80               |
| Ionizer / Collector    | Qty. / Type             | -                          | 1 Combined Cell  | 2 Combined Cell  |
| Current actuation      | kV                      | -                          | 12               | 12               |
| Plate Space            | mm                      | -                          | 6                | 6                |
| Filter Surface         | m <sup>2</sup>          | 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                      | 67                         | 65               | 65               |
| Mechanical Filter Cell | Filter class standard   | F9 oil and water repellend | -                | -                |

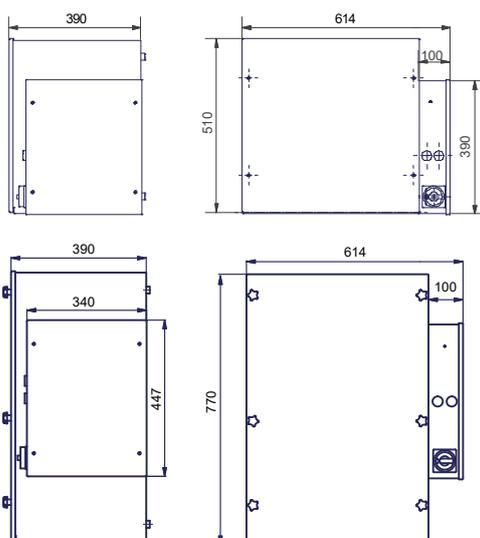
If you have any further question about filter classes and types, applications, services and project-specific quotations, we are happy to support you.

Contact us by phone  
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Or send us an email via  
info@bristolfilter.de

### // 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 C - individual filter unit

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

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