

Breathe pure air



Individual filter B 1800 accomplishes the energy efficient separation of particles of up to  $0.1 \mu\text{m}$ . Infinitely adjustable, it was designed especially for oil smoke, oil and emulsion mist from air volumes of up to  $1800 \text{ m}^3/\text{h}$ . A powerful solution that requires minimal set-up space and is easy to install. Available also as tandem filter (see Figure) for high separation levels in extremely particle-polluted scenarios.

## Technical Data Sheet

B 1800 EF | B 1800 EFT | B 1800 MF

Functional principle and design of electrostatic filters based on the example of model B 1000 EF  
Air direction horizontal from left to right

1 Inlet port, 2 Baffle plate, 3 Pre-filter stainless steel mesh, 4 Ionizer/collector cell (2 each in tandem models), 5 After filter stainless steel mesh, 6 Control unit



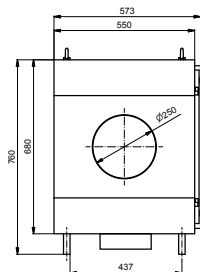
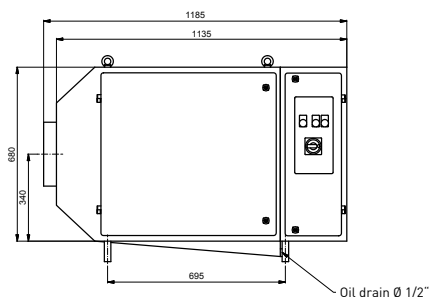
	B 1800 EF	B 1800 EFT	B 1800 MF
Air volume up to m³/h	1800	1800	1800
Operating pressure Pa	250	250	250
Mains connection kW	1.1	1.1	1.1
Air inlet port Ø mm	250	250	250
Length mm	1185	1475	1185
Width mm	573	573	573
Height mm	760	760	760
Weight filter kg	180	230	180
Ionizer/collector quantity/type	1 combined cell	2 combined cells	–
Application kV	12-6	12-6	–
Plate distance mm	6.5	6.5	–
Filter surface m²	11.5	2 x 11.5	35
Dimensions W/H/D mm	517 x 573 x 260	517 x 573 x 260	573 x 540 x 292
Weight filter cell kg	17	2 x 17	–
Noise level db	65	65	65
MF filter cell class	–	–	Oil/water repellent F9

If you have any further questions regarding filter classes and types, usage examples, support and services or if you need project specific quotes, we will be pleased to assist you.

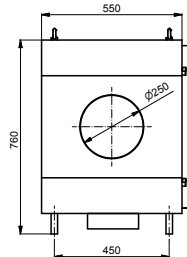
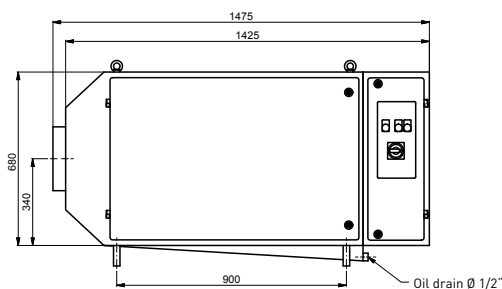
Please contact us directly.  
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+49 (0)9868 9826-0.

Or send an e-mail to  
info@bristolfilter.de.

Optional air direction horizontal from left/right or right/left. Adaptation to country specific mains voltage is possible for all filters. B 500, B 1000, B 1800 are available as after filters EFN for centrifugal separators.



Side and frontal view individual filters B 1800 EF | B 1800 MF



Side and frontal view tandem individual filter B 1800 EFT

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# Bristol

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