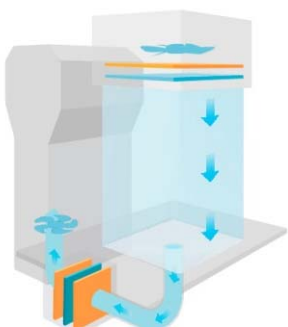




D-SERIES



- The **D-Series** product range is designed for general laboratory work in diverse environments. A modular design with a wide range of standard accessories allow for a customized solution that can be offered at an attractive price.
- Using the unique *systemBiometron* all types of hazardous substances can be handled including; heavy and light gases, particles and dust and a wide range of chemicals. Unlike traditional fume cupboards and hoods, *systemBiometron* is designed for optimal ergonomics while ensuring the best protective ventilation.
- With the option of a separate filter, the system can be installed as a standalone unit which can be easily moved. Furthermore, a highly protective ventilation is guaranteed which eliminates the need for breaking into the central ventilation system.



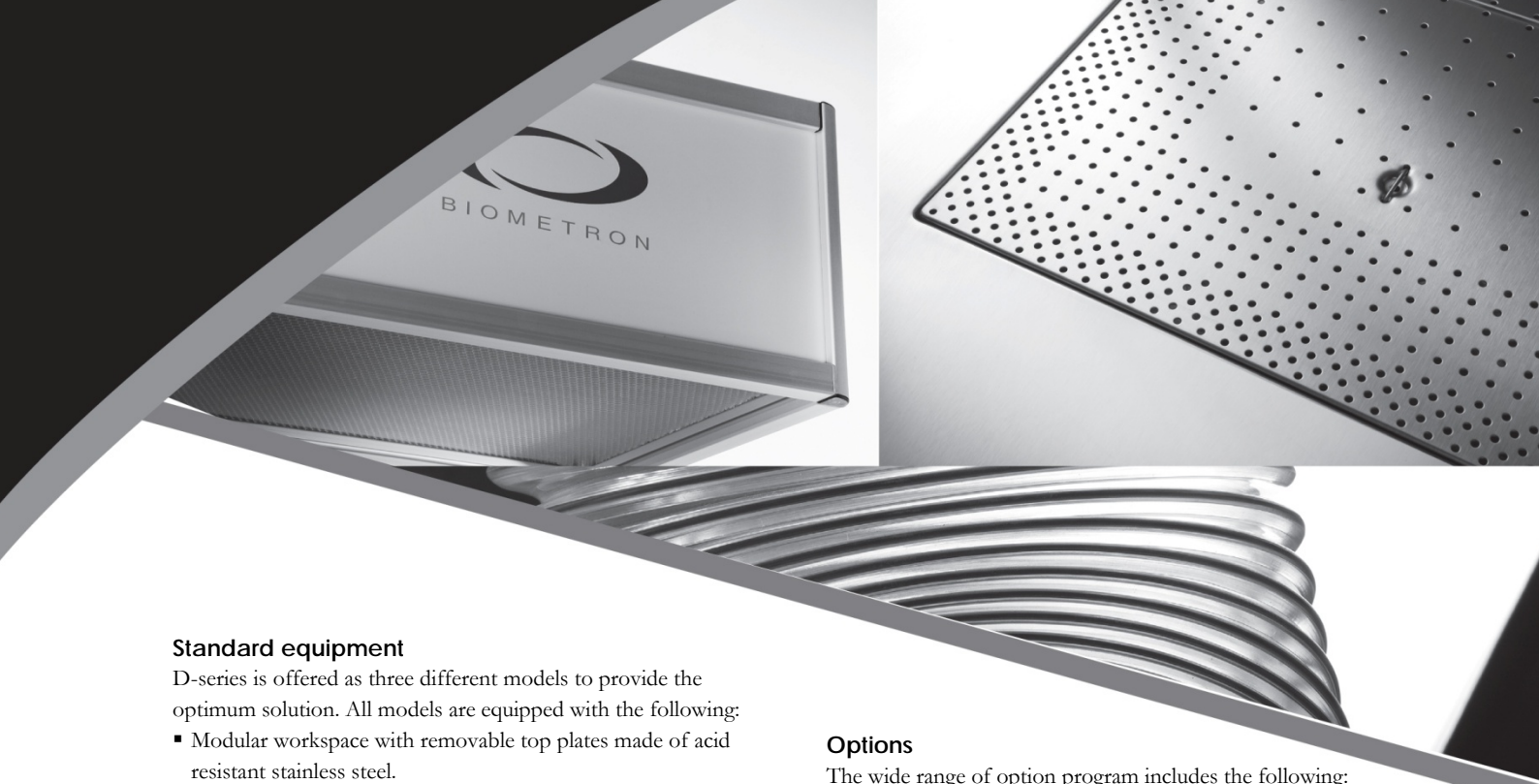
systemBiometron – Best possible protective ventilation

systemBiometron is a unique and patented solution based on controlling the airflow. The laminar airflow protects personnel from contaminated air, while an open and ergonomic working environment is achieved.

- 1 Laminar airflow pushes hazardous substances against workspace.
- 2 The contaminated air is drawn through the perforated workspace.
- 3a) Contaminated air is evacuated through the central ventilation.

Alternatively, with the option of a separate filter system:

- 3b) Contaminated air is drawn through the filter system and the clean air is then returned into the premises.



Standard equipment

D-series is offered as three different models to provide the optimum solution. All models are equipped with the following:

- Modular workspace with removable top plates made of acid resistant stainless steel.
- Suction box, with drains for easy cleaning, made of acid resistant stainless steel.
- Coated steel frame.
- Vertical aluminium rods for easy assembly of optional equipment.
- Sender unit with quiet fan for generating the downward laminar air flow.
- Lights with switches and sockets.

Options

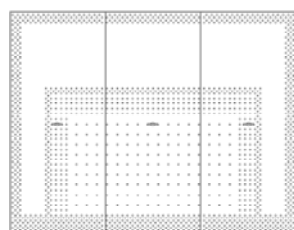
The wide range of option program includes the following:

- Adapted filter system for highly efficient purification of process air (see separate product info).
- Prefilter: sender unit is equipped with a HEPA filter for a clean air environment (downward laminar flow of purified air).
- Motorized frame for working height 750-1000 mm.
- Frame mounted on lockable wheels.
- Monitor and keyboard arms.
- Stainless steel shelf.
- Airflow monitor with display and alarm function.



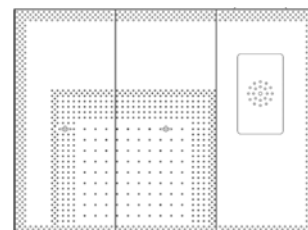
Model D

The alternative to conventional fume cupboards for basic lab work and storage. Protective zone created by the suction channel around the entire working space.



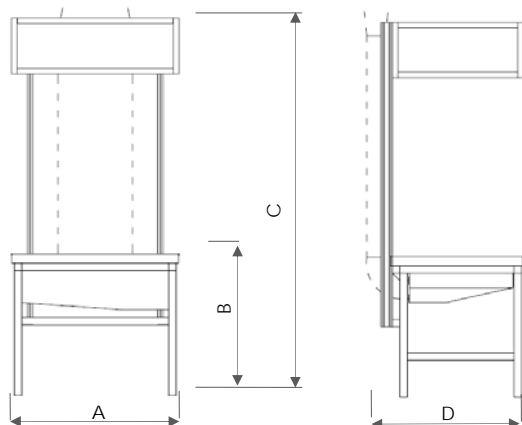
Model DP

Protective zone with addition of perforations for more extensive laboratory work. Offers a more effective protective ventilation than traditional fume benches.



Model DPS

In addition to the protective zone and perforations, this model is equipped with ventilated sink and fittings for fluid handling.



Format, model working space	A mm	B* mm	C mm	D mm	Perforations mm	Airflow ** litre/sec
D						40
900x700 DP	900	900	2200	800	Max 700x400	140
DPS					Max 500x400	130
D						50
1200x700 DP	1200	900	2200	800	Max 1000x400	190
DPS					Max 500x400	180
D						60
1500x700 DP	1500	900	2200	800	Max 1300x400	240
DPS					Max 800x400	230

Electrical connection 230V/50 Hz. Ventilation connection** inlet Ø 200 mm.

Suction box drains (cleaning) R40/R1½". Drain DPS sink R40/R1½".

Fittings DPS, cold resp hot water, 12 mm.

*With optional motorized frame 750-1000 mm.

** Recommended airflow. Airflow depending on size of perforations.

