

**Applies to: add-on module, table model, height-adjustable and mobile model**

**System explanation too Clean room workplace (ISO 5), Standard-Budget model with constant volume flow**

All systems from the add-on module series can be manufactured individually according to customer requirements. As a result, we are not bound to any fixed dimensions and expansion requests. From this modular series, the following significant advantages result for the user without additional costs:

**Particularities**

- The dimensions of the new systems can be designed flexibly and can be adapted to individual customer needs
- The ventilation module has been newly developed. The module consists of aluminum construction.

**Technology**

- With constant volume flow. Airflow does not affect the operator
- Noise emission 48 dB (A) at 0.25m / s
- Individual dimensions
- Available on request with brightness-controlled high-performance LED

**Additional benefits**

- When using the laminar flow add-on module systems, a large amount of air is circulated and thus also cleaned of airborne viruses and bacteria. This massively improves the air quality in the surrounding area. When using the laminar flow add-on module systems, a large amount of air is circulated and thus also cleaned of airborne viruses and bacteria. This massively improves the air quality in the surrounding area.

There are no limits to your individual wishes. Please contact us! Optimal planning and design guarantees years of successful quality.



**Laminarflow Standard-Budget**

**Intended use**

The Laminar Flow Standard-Budget is ideally suited to delimit work areas in accordance with clean room requirements. The unit is used to filter out particles or germs from the ambient air and thus guarantees a clean room atmosphere. Thanks to the modular system concept, the device can be used flexibly.

**Purity class**

The laminar flow unit works on the principle of laminar displacement flow with vertical air flow. It meets the requirements of cleanliness class 5 according to DIN ISO 14644-1, this corresponds to cleanliness class 100 according to US-FED-STD 209e.

**Prefilter**

The ambient air is pre-filtered using an easily exchangeable pre-filter of filter class G4. The pre-filter is designed for large volume flows and long filter service lives.

**Fine filter**

The particles are separated using a high-performance H14 class particle filter. The degree of separation of this filter is 99.995% according to EN 1822. The maintenance-friendly device design makes it easy and inexpensive to replace the filter directly at the installation site.

- **Fan**  
The air flow is generated by high-performance fan modules with an energy-saving motor. The wheels are statically and dynamically balanced. The compact module housings are made of aluminum sheet. Noise emission 48 dB (A) at 0.25m / s

#### Regulation with constant volume flow

The volume flow is preset in the factory in accordance with the standard (downflow = 0.45 m / s). Can also be individually preset on request (0.2 - 0.8 m / s).

#### Frame

The Laminar Flow Unit is made of aluminum construction.

#### Dimensions

	Widths [mm]	Lows [mm]	Heights [mm]	Available working space heights [mm]
Extension module	900/1200/1500/1800	600/900	300	
Table model	900/1200/1500/1800	600/900	1005	720
Height adjustable model	900/1200/1500/1800	600/900	1005 + Table height (variable from 750mm to 1205mm)	720
Mobile model	900/1200/1500/1800	600/900	1875	1440

Special dimensions also possible for an additional charge

#### DECISION MAKERS - FACTS

##### For the user

- Constant flow rate 2 Filterstufen, erhöht die Standzeit des Hauptfilters
- 2 filter levels, increases the service life of the main filter
- With noise emission (Model Standard 48 dBA)
- No interference from the operator by air flow
- Structurally extremely stable design due to load-bearing cladding panes..
- All paneling parts are flush-mounted with the chassis, thus guaranteeing optimal clean-room cleaning. The technology deck is completely airtight.
- Integrated power connector with on-off switch for easy plug-in wiring



Zögern Sie nicht uns zu kontaktieren, sollten Sie noch Fragen haben  
Ihr InerTec AG-Team

+41 32 618 00 11

[www.inertec.ch](http://www.inertec.ch)

[info@inertec.ch](mailto:info@inertec.ch)