

Laminar Flow Cabinets – Vertical/Horizontal

We design and build laminar flow cabinets to your specifications with no extra “bespoke” charge.



TION provides high-quality, laminar flow cabinets in both vertical and horizontal formats.

A variety of specifications are available and units can be customised for specific requirements.

Key Benefits:

- LED Lighting
- Touch screen control panels
- Red Light alarm system
- Fully customisable



In relation to air movement, laminar flow is defined as a flow of air that is uniform in direction and velocity.

Put simply, it's air that is moving in the same direction, at exactly the same speed, creating a smooth and uninterrupted flow.

Call now on **+44 (0) 1223 790028** to place your order or email support@tion.co.uk

For further product details and to see more from our range, visit www.tion.co.uk

Laminar flow cabinets (also referred to as cell culture hoods, tissue culture hoods or laminar flow hoods) are specially designed laboratory enclosures. They're made from stainless steel or polypropylene with no gaps or joints, meaning that there's nowhere for things such as bacteria, spores or microbes to gather.

They have many applications across a variety of sectors, including (but not limited to) the medical, industrial, electronic and pharmaceutical professions, and are frequently used to work with semiconductors, biological samples or other materials of a sensitive nature.

Control panels



Pro 7" touch screen panel

The pro version comes with a 7" panel which provides all of the features of the 5" panel and also enables:

- Light control
- Airflow monitor
- Red light alarm system
- Calibration settings
- UV light (where applicable)
- Fan speed control
- Hour timer for filters and UV



Standard 5" touch screen panel

As standard, the TION cabinets include a 5" touch screen control panel that includes:

- Airflow indicator
- Sockets switch
- LED light switch
- Calibration settings

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There are a couple of different types available, each with their advantages:

Horizontal Cabinet –

The air is projected horizontally across the work area directly out of the front of the cabinet

Vertical Cabinet –

The air is projected downward, and then across the work surface and out of the unit.

Technical Specification

Model Number	LAFFC1200	LAFFC1500	LAFFC1800	LAFFC2000	LAFFC2500
External Size (W x D x H)	1200 x 830 x 2320mm 47.3 x 32.6 x 91.3"	1500 x 830 x 2320mm 59 x 32.6 x 91.3"	1800 x 830 x 2320mm 70.9 x 32.6 x 91.3"	1800 x 830 x 2320mm 70.9 x 32.6 x 91.3"	2500 x 830 x 2320mm 98.4 x 32.6 x 91.3"
	2500 x 830 x 2320mm 98.4 x 32.6 x 91.3"	1300 x 630 x 1000mm 51.2 x 24.8 x 39.3"	1600 x 630 x 1000mm 63 x 24.8 x 39.3"	1800 x 630 x 1000mm 70.8 x 24.8 x 39.3"	2300 x 630 x 1000mm 90.5 x 24.8 x 39.3"
Max. Sash Opening	720mm (28.3°)	720mm (28.3°)	720mm (28.3°)	720mm (28.3°)	720mm (28.3°)

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Offering complete peace of mind

At TION, we understand that purchasing equipment from us is a capital investment for any business. With this in mind, we welcome customers to speak to our technical team regarding any questions you may have.

Our engineers will also be on hand to demonstrate some of the key functions of any TION product that's installed at your premises.



Experienced technical sales team

TION's sales team are always on hand to offer their expert advice and technical support and our engineers have extensive experience working with a range of clients on various projects. We'll help you select the appropriate equipment to suit your application, with the ultimate aim of providing the best design, manufacture and installation service in the UK.



Exceptional customer service

This is one of the most vital aspects of a complete service, but one that is often overlooked. Here at TION, providing the best customer service is important to us and is fundamental to our company ethos.

From SMEs to multi-national organisations, we always endeavour to provide the highest levels of service, no matter your requirements. We're not satisfied until you are.



Level up your workspace with our cutting-edge fume cupboards, biosafety cabinets, and clean air systems.



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