

# QUALITY & VALUE

IN OPERATOR PROTECTION



*Custom Downflow Booth  
Solutions from the Industry  
Experts*

**Laminar Flow Inc.**



**The Leader in Quality and Service**



MAKE LAMINAR FLOW INC THE ONE-STOP SOURCE FOR ALL OF YOUR CLEAN ROOM AND PROCESS SUITE NEEDS.

- Laminar Flow Ceiling Grids
- Portable Cleanrooms.
- Restricted Access Barrier Systems.
- Clean-Room Gowning Cabinets.
- Standard Clean Room Equipment Product Line.
- Isolation Systems

For a technology partner you can count on, contact the experts at LFI today!

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BECAUSE YOUR OPERATORS AND YOUR PRODUCT DESERVE THE BEST CARE.

In the realm of operator protection and product integrity, the choice of Downflow Booths is crucial to your process.

Careful consideration must be given to ensure local containment, product control, and most importantly, operator safety at your facility.

The experts at Laminar Flow Inc. stand ready to tackle your most stringent requirements. We have the experience, facilities, and know-how to deliver timely solutions for your Downflow Booth requirements.

- PRODUCT SAMPLING
- WEIGHING OPERATIONS
- DIVIDING
- DRUM TRANSFER
- PRODUCT CHARGING
- MANUAL HANDLING

# DOWNFLOW BOOTH

## PRODUCT OVERVIEW

www.laminarflowinc.com

### Laminar Flow Inc. Downflow Booth features include:

- ✓ All stainless steel cGMP construction, full view Lexan side panels which are easily replaceable. Stainless steel side panels are also available.
- ✓ Unique Gel-Seal HEPA filter mounting system incorporates the knife-edge mount as an integral part of the unit.
- ✓ Full booth lighting – teardrop or recessed fluorescent lighting, easily serviced from inside, illuminating up to 100 ft-c.
- ✓ 2" large intake pre-filters changeable from within the booth. *Safe-change* filter housings for pre-filter and primary HEPA filters are available.
- ✓ Fully modular design – shipped ready to assemble with internal components completely wired & supplied with plugs.
- ✓ Available options include various electrical configurations (XP, Class X Div X, GFI), perf worktables, NEMA 4X control panels, strip curtains, and more.

The LFI Downflow Booth is a self contained system designed to control potent or nonpotent compounds/ powders during sampling, weighing, or other manual processes. The vertical laminar flow provides up to 150 FPM of HEPA filtered air which is then exhausted at the rear of the booth through high-efficiency primary HEPA filters, and then recirculated down through secondary HEPA filters housed in the ceiling grid. A percentage of fresh makeup air, typically 10% of volume, is induced into the recirculation cycle as the corresponding amount is bled off. Operator protection is provided to 100 µg/ m<sup>3</sup>. The system includes full stainless steel construction, instrumentation, air flow control, and easy filter changeout.

### Setting the standard – an enduring Legacy

Laminar Flow Inc. has been in the business of providing high-quality solutions for the Clean Room and Pharmaceutical process industry for over 40 years. Our reputation for quality, value, and on-time deliveries is world renowned.



DRUG WEIGH



DFB W/ SS SIDE PANELS



DFB W/ TABLE



BOOTH W/ PASSTHRU

### The Laminar Flow Inc. Advantages:

- ☀ *40 Years of proven performance in the supply of standard and custom equipment.*
- ☀ *All machining, welding, fabrication, assembly, and testing is done in our factory.*
- ☀ *Competitive pricing and on-time deliveries.*