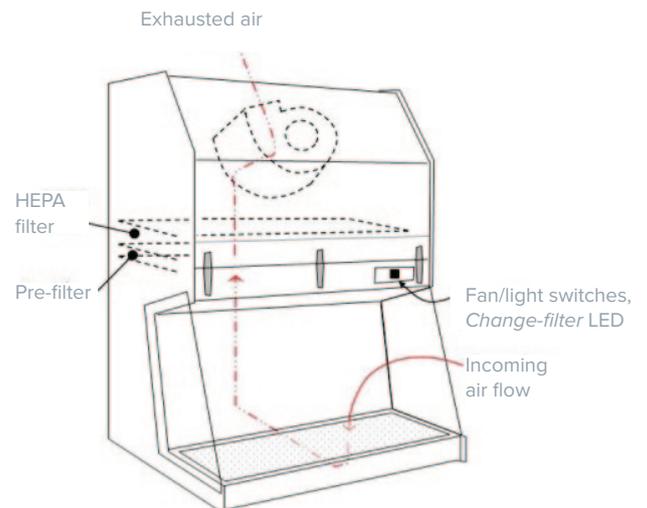


TPE has designed its **Laminair® Downdraft Unit** to protect the operator and the room environment from fine dusts that exist or may be generated from laboratory procedures. Hazardous dust can be associated with weighing chemical and mineral powders, handling pollens, asbestos testing, seedling inoculations, and various forensic tasks.

When the Laminair® unit is in use, room air is drawn into the front and downward through the perforated work surface tray, preventing dust particles from escaping into the room. Air flow continues through the internal plenum in the rear of the unit, up through a pre-filter and a HEPA filter, and finally exhausts back into the room, now free of dust.

The unit has clear vertical panels on each side of the work surface and a steel removable tray. The internal walls and exterior carcass are of chemically resistant PVC. The exhaust fan is speed-adjustable, and a recessed fluorescent light provides illumination; fan and light switches are conveniently located. An LED indicator shows when the HEPA filter needs replacement. The pre-filter extends the life of the HEPA filter by removing larger particles from the air stream. An optional base stand is available for the Laminair® Unit.



Specifications

Electrical	230V AC single-phase; 2M cord with standard wall plug for bench outlet
External Dimensions	700mm W x 600mm D x 850mm in Height
Work Surface Dims	690mm x 500mm
Materials	5 or 6mm uPVC carcass; 2mm clear Polycarbonate side panels; perforated, powder-coated steel work surface tray, removable; stainless steel latches on filter-access door
Filters	Pre-filter is washable; HEPA filter is a standard size and replaceable. Contact TPE for specific details
Lights	2-20Watt screw-base compact fluorescent lamps
Exhaust Fan	<i>Fantech</i> model 2GRE160, or equivalent
Intial Dimensions	564 W x 512 D x 1250mm H

Options

- ▶ A base stand for the Laminair® Downdraft Bench is available.
- ▶ Use 304 Stainless Steel for the perforated work surface tray.