



GENIST

Leading Medical Advancement

CLEAN AIR EQUIPMENT



एन एस आई सी
NSIC
ISO 9001 : 2008



LAMINAR AIR FLOW BENCH

MODEL NO.: GTL-001

Horizontal Laminar Airflow Hoods provide a HEPA-filtered clean work area that is ideal for operations requiring a particle-free, bacteria-free, clean air environment. The clean work area provides an excellent workspace for small laboratory appliances, microscopes, pipetting, sterile drug preparations, IV admixture preparation, or any application requiring work-in-progress protection from outside potentially harmful contaminants.



ESSENTIALS CONTROL SYSTEM

Simple switches control the blower, lights, and outlets during a mini-helic gauge measures plenum performance. Energy Saver Motor An ultra-high efficiency motor saves on your energy bills while increasing filter life lowering your total cost of ownership.

EXPERIENCE ERGONOMICS

Ergonomic design encourages proper posture reducing fatigue.

TRULAMINAR AIRFLOW

Unidirectional airflow moving along parallel flow lines at a constant velocity of 90 fpm ($\pm 10\%$) minimizes air turbulence within the work zone, lessening the chance for cross-contamination. Class 100 Air Quality Clear Top/ Side Acrylic Panels Textured Powder Coat Urethane Finish Smooth White Formica™ Work Surface Front Maintenance Florescent Lighting Protective Grill Base Support Stands Germicidal UV Light Stainless Steel Work Surface.

SIZES

NOMINAL SIZE	EXTERIOR DIMENSIONS (W X D X H) MM	INTERIOR DIMENSIONS (W X D X H) MM	WEIGHT
2 FT. (0.6 M)	26 X 32X 46 (660 X 813 X 1168)	23 ¾ X 20 X 22 ^{3/8} (603 X 508 X 568)	255 LBS./ 116 KG.
2 FT. (0.6 M)	26 X 32 X 52 (660 X 813 X 1321)	23 ¾ X 20 X 28 ^{3/8} (603 X 508 X 721)	255 LBS./ 116 KG.
3 FT. (0.9 M)	38 X 32 X 46 (965 X 813 X 1168)	34 ¾ X 20 X 22 ^{3/8} (883 X 508 X 568)	350 LBS./ 159 KG.
3 FT. (0.9 M)	38 X 32 X 52 (965 X 813 X 1321)	34 ¾ X 20 X 28 ^{3/8} (883 X 508 X 721)	350 LBS./ 159 KG.
3 FT. (0.9 M)	38 X 32 X 58 (965 X 813 X 1473)	34 ¾ X 20 X 34 ^{3/8} (883 X 508 X 873)	350 LBS./ 159 KG.
4 FT. (1.2 M)	50 X 32 X 46 (1270 X 813 X 1168)	46 ¾ X 20 X 22 ^{3/8} (1187 X 508 X 568)	380 LBS./ 172 KG.
4 FT. (1.2 M)	50 X 32 X 52 (1270 X 813 X 1321)	46¾X20X28 ^{3/8} (1187X508X721)	380 LBS./ 172 KG.
4 FT. (1.2 M)	50 X 32 X 58 (1270 X 813 X 1473)	46 ¾ X 20 X 34 ^{3/8} (1187 X 508 X 873)	380 LBS./ 172 KG.
5 FT. (1.5 M)	62 X 32 X 46 (1575 X 813 X 1168)	58 ¾ X 20 X 22 ^{3/8} (1492 X 508 X 568)	520 LBS. 236 KG.
5 FT. (1.5 M)	62 X 32 X 52 (1575 X 813 X 1321)	58 ¾ X 20 X 28 ^{3/8} (1492 X 508 X 721)	520 LBS. / 236 KG.
5 FT. (1.5 M)	62 X 32 X 58 (1575 X 813 X 1473)	58 ¾ X 20 X 34 ^{3/8} (1492 X 508 X 873)	520 LBS. / 236 KG.
6FT. (1.8 M)	74X 32X 46 (1880 X 813 X 1168)	70 ¾ X 20 X 22 ^{3/8} (1797 X 508 X 568)	550 LBS./ 249 KG.
6 FT. (1.8 M)	74X 32 X 52 (1880 X 813 X 1321)	70¾X20X28 ^{3/8} (1797X508X721)	550 LBS./ 249 KG.
6 FT. (1.8 M)	74X32X58 (1880X813X 1473)	70 ¾ X 20 X 34 ^{3/8} (1797 X 508 X 873)	550 LBS./ 249 KG.
8 FT. (2.4 M)	98 X 32 X 52 (2489 X 813 X 1321)	94 ¾ X 20 X 28 ^{3/8} (2397 X 508 X 721)	

BIOSAFETY CABINET

MODEL NO. : GTS-001

DESCRIPTION

Class II cabinet is defined as a ventilated cabinet for personnel, product, and environmental protection for microbiological work or sterile pharmacy compounding. Class II BSCs are designed with an open front with inward airflow (personnel protection), downward HEPA-filtered laminar airflow (product protection), and HEPA-filtered exhaust air (environmental protection).

PACKAGE

- Includes Cabinet, Manual Adjustable Height Stand, Factory installed UV Light, 1 set of armrests.

SHAPE

- Horizontal/Vertical.

HEPA FILTER

- Two motor design with differential pressure sensors across the supply and exhaust HEPA filters.
- Motor would be automatically adjusting the airflow speed (Balancing inflow and down flow) without the use of a damper to ensure continuous safe working conditions.

WORKING AREA & MATERIAL

- Size 4 feet in width, and the front window must have an 8/10" sash opening with a working surface of stainless steel. A side wall of the working surface is made up of metal.
- Two Motor Designs.

HEPA FILTER

- HEPA/ULPA Filter should be 99.995% MPPS (Most penetrating Particle Size)

FLUORESCENT LIGHT

- Germicidal UV lamp, set of the armrest, an electrical outlet, and a support stand provided with leveling bases.
- UV light would be programmable to allow for specific exposure times from 0-24 hours. Lightening power should > 1100 Lux(100fc); cabinet noise level must be less than 65dB (A).



CONTROL & DISPLAY

- ▶ Microprocessor must display the inflow and downflow air velocities in real-time.

LED/ LCD DISPLAY

- ▶ Port for vacuum tubing and cables on the sides.

POWER CONSUMPTION

- ▶ Power consumption in Normal mode: 200W+10%.

SAFETY & STANDARD CERTIFICATIONS

- ▶ Our product is ISO, CE, EN, GMP, IEC, EN-285, NSF, OHSAS Certified.

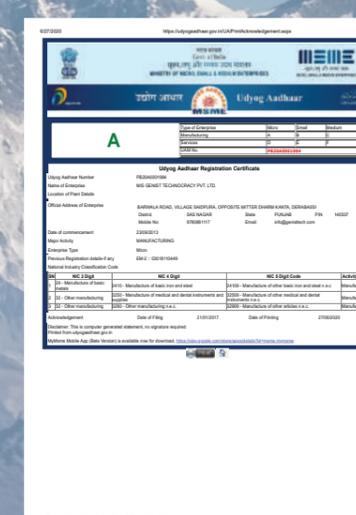
SIZES

NORMAL SIZE	EXTERIOR DIMENSIONS (W X D X H) MM	INTERIOR DIMENSIONS (W X D X H) MM	WEIGHT
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Size available as per customer requirement

Our Certifications

We Believe that the way to the summit passes through high-quality and reliable manufacturing.





CONTACT US



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