



Laminar Flow Workbench



Horizontal Laminar Flow, (HLF) workstation provides Class 100 air flow that is down stream of the worker. This unique workstation reduces the noise levels below 62 DBA. Need power or data, wire and data management troughs are built into the unit and bring utilities from the top of the flow hood to the underside or at the work surface while maintaining class 100 specifications.

Accessories include; six 15-amp electrical outlet panel, two circuit wiring system, circuit breaker, variable speed control, water pressure gauge, on/off switch and various type of side panels.

Specification and options

- HLF 36" high x 48" wide filter
- 6" mini pleat 99.99% Hepa filters
- One 1/2-hp high efficiency motor
- One 10" direct drive blower assembly
- Two 15-amp circuit breakers
- One 6 outlet electrical box
- 30 x 48 Work surfaces;
- Data source outlet box,
- Two tube overhead lights fixture, (48" light tubes not included)
- Motor housing is lined with a vibration and sound damping material. Noise rating below 62 DBS
- Variable speed control switch
- Two on/off switch, (one motors one accessories)
- High efficiency pre-filters
- Mini hellic water gauge for filter usage

Bill of material:

Power	1ea 1/2 HP Motor, 110V / 60 HZ / Single Phase 1635 RPM, 7 AMP per motor	Part # Grainger 4M100
Blower:	One 10" Direct drive blower assembly,	Part # Grainger 4C591
Protection:	Two 15 Amp circuit breakers (One Motors, One accessories)	Part # W28-XQ1A-15
Light:	One 48" light fixture	Part # Simkar 51-00260
Filters:	Two 30" x 24" 99.99% 6" Hepa filter	Part # (HEPA) HE36-WADC
Switches:	Two on/off, one light, one for motor One variable speed control	15 amp switch Part # Dart Controls 55-AC15
Gauge	One Magnehelic gauge	Part # Dwyer Instruments 2-5002
Outlets:	Six 15 amp outlets,	
Pre Filters	Two Standard high efficiency filter 16 x 20 x 1"	