GENEVA SCIENTIFIC
LAB EQUIPMENT SOLUTIONS

HORIZONTAL LAMINAR FLOW HOOD WITH GLASS SIDES & MICROPROCESSOR

Sentinel Gold Microprocessor Controller with Airflow Sensor
-Displays all safety information on one screen, centered & angled down
-Monitors real-time airflow for safety and alerts the user if airflow is insufficient

Ergonomic Control Panel Location
-Located on the center and angled down
-ADA Compliant

Work Top
-The spill-retaining work top design with a recessed central area contains accidental liquid spills

Energy Efficient ECM Motor
-Powered by latest generation ECM motor, that is more efficient than legacy ECM and VFD motors
-70% Energy savings compared to AC motor
-Stable airflow, despite building voltage fluctuations and filter loading

Quiet Operation
-World's leading low noise laminar flow cabinet
-Reduce fatigue and improve work concentration

ULPA Filter
-10x Filtration efficiency of HEPA filter. Creates ISO Class 4 work zone instead of industry standard ISO Class 5

ISOCIDE Powder Coat
-Silver-ion impregnated powder coat
-Inhibit microbial growth to improve safety

*Shown above on optional base stand

Part Number	3HG-BM	4HG-BM	5HG-BM	6HG-BM
External Dimensions (WxDxH)	40.8" x 31" x 50"	52.8" x 31" x 50"	64.8" x 31" x 50"	76.8" x 31" x 50"
Internal Dimensions (WxDxH)	33.6" x 23.4" x 28.5"	45.7" x 23.4" x 28.5"	57.6" x 23.4" x 28.5"	69.7" x 23.4" x 28.5"
Internal Work Area	5.4 sq.ft. (0.5 m2)	7.5 sq.ft. (0.7 m2)	9.6 sq.ft. (0.9 m2)	10.8 sq.ft. (1.0 m2)
Average Airflow Velocity	90 fpm (0.45 m/s) at initial setpoint			
Air Volume	621 cfm (1055 m3/h)	832 cfm (1413 m3/h)	1042 cfm (1771 m3/h)	1253 cfm (2129 m3/h)
ULPA Filter Typical Efficiency	>99.999% at particle size between 0.1 to 0.3 μm			
Sound Emission per IEST-RP-CC002.2	55.8 dBA	58.4 dBA	61 dBA	62.6 dBA
Fluorescent Lamp Intensity at Zero Ambient	119 foot candles (1279 Lux)	130 foot candles (1394 Lux)	112 foot candles (1204 Lux)	139 foot candles (1494 Lux)
Cabinet Construction	Main Body	0.05" 18 gauge electrogalvanized steel with white oven-baked epoxy-polyester powder coated finish		
	Work Zone	0.05" 18 gauge stainless steel, grade 304 with 4B finish		
	Side Walls	0.2"UV absorbing tempered glass, colorless and transparent		
Electrical	110-130VAC , AC, 60Hz, 1 phase			