



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

VERTICAL LAMINAR FLOW HOOD WITH GLASS SIDES AND MICROPROCESSOR



*Shown above on optional base stand

- 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

Part Number	3VG-AM	4VG-AM	5VG-AM	6VG-AM
External Dimensions (WxDxH)	40.8" x 32.4" x 50"	52.8" x 32.4" x 50"	64.8" x 32.4" x 50"	76.8" x 32.4" x 50"
Internal Dimensions (WxDxH)	36.1" x 27" x 27.1"	48.1" x 27" x 27.1"	60.1" x 27" x 27.1"	72.1" x 27" x 27.1"
Internal Work Area	6.5 sq.ft. (0.6 m2)	8.6 sq.ft. (0.8 m2)	10.7 sq.ft. (1.0 m2)	14 sq.ft. (1.3 m2)
Average Airflow Velocity	90 fpm (0.45 m/s) at initial setpoint			
Air Volume	657 cfm (1117 m3/h)	866 cfm (1471 m3/h)	1074 cfm (1824 m3/h)	1281 cfm (2177 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	54.6 dBA	55.4 dBA	58.6 dBA	60.6 dBA
Fluorescent Lamp Intensity at Zero Ambient	94 foot candles (980 Lux)	84 foot candles (904 Lux)	83 foot candles (894 Lux)	99 foot candles (1062 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	110-120VAC, AC, 60Hz, 1 phase			