



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

CLASS II TYPE A2 AIRSTREAM BIOLOGICAL SAFETY CABINETS



*Shown above on optional base stand

- Sentinel Gold Microprocessor Controller
 - Displays all safety information on one screen
 - Centered and angled down for easy reach & viewing
 - Selectable Quickstart mode for fast operation
- RS 232 Port and Zero Volt Relay Contact
 - RS 232 Port to send operational information to Building Management System
 - Zero Volt Relay Contact to turn ON/OFF exhaust blower and signal the building alarm
- Airflow Sensor
 - Monitors real-time airflow for safety and alerts the user if airflow is insufficient
- Single-Piece Wall and Work Tray
 - Large wall radius for easy cleaning
 - Easy to reach service fixtures and outlets
 - Recessed tray to contain spills and sloped perimeter that is easy to wipe
- Energy Efficient DC ECM Motor
 - Powered by latest generation DC ECM motor Made in USA, 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
- ULPA Filter
 - Creates ISO Class 3 work zone instead of industry standard ISO Class 5

Part Number	GABS-3F-TIIA2-E	GABS-4F-TIIA2-E	GABS-5F-TIIA2-E	GABS-6F-TIIA2-E
External Dimensions (WxDxH)	40.7" x 29.5" x 54.7"	52.8" x 29.5" x 54.7"	64.8" x 29.5" x 54.7"	76.8" x 29.5" x 54.7"
Internal Dimensions (WxDxH)	36" x 22.75" x 26"	48" x 22.75" x 26"	60" x 22.75" x 26"	72" x 22.75" x 26"
Usable Work Area	4.5 sq.ft. (0.42 m2)	6.1 sq.ft. (0.56 m2)	7.5 sq.ft. (0.70 m2)	9.2 sq.ft. (0.86 m2)
Avg. Inflow Velocity	105 fpm (0.53 m/s)			
Avg. Downflow Airflow Velocity	60 fpm (0.30 m/s)			
Inflow Airflow Volume	208 cfm (354 m3/h)	280 cfm (473 m3/h)	348 cfm (591 m3/h)	417 cfm (709 m3/h)
Downflow Airflow Volume	325 cfm (553 m3/h)	434 cfm (738 m3/h)	543 cfm (922 m3/h)	652 cfm (1107 m3/h)
Exhaust Airflow Volume	208 cfm (354 m3/h)	280 cfm (473 m3/h)	348 cfm (591 m3/h)	417 cfm (709 m3/h)
Required Exhaust with Optional Thimble Exhaust Collar	313 cfm (531 m3/h)	418 cfm (710 m3/h)	522 cfm (887 m3/h)	626 cfm (1064 m3/h)
Static Pressure for Optional Thimble Exhaust Collar	32 Pa / 0.12 in H2O	45 Pa / 0.18 in H2O	57 Pa / 0.23 in H2O	68 Pa / 0.27 in H2O
ULPA Filter Typical Efficiency	>99.999% for particle size between 0.1 to 0.3 microns			
Sound Emission	57.5 dBA	57.5 dBA	58.5 dBA	60.5 dBA
Fluorescent Lamp Intensity	> 184 foot-candles	> 158 foot-candles	> 95 foot-candles	>153 foot-candles
Cabinet Construction	0.08" 18 gauge electrogalvanized steel with Isocide oven-baked epoxy-polyester powder coating Main Body and 304 stainless steel with 4B finish Work Zone			
Electrical	110-130 VAC, 60Hz			