



# GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

## DUAL ACCESS ANIMAL CONTAINMENT WORKSTATIONS



The VIVA® Dual Access Animal Containment Workstation is a modified laminar flow clean bench with unique air-balancing properties to provide personnel and animal protection during handling procedures. For maximum efficiency and flexibility during operations, the VIVA adopts an open access concept that increases ease of insertion and removal of cages from the work zone. Operator comfort is ensured with adjustable height control and an ergonomically sloped sash. In addition, the unit is based on caster wheels for maneuverability and uses the Sentinel microprocessor and pressure gauges for easy air-flow monitoring and control.

- Latest generation DC ECM blower provides stable airflow with low energy consumption.
- Lowest noise dual access animal workstation in the world at 53 dBA in open field condition.
- The only dual access animal workstation in the world with leg room on both sides.
- Isocide™ anti-microbial coating protects operators and animals.

Key Benefits:

- High Energy efficiency with advanced DC ECM blower, results in substantial long term savings.
- 99.9% ELISA-verified allergen containment for operator and environment protection.
- Operators and animals are protected via laminar flow and air-balancing properties of the system.
- Exceptional Operator Comfort though low noise and dual legroom.

Part Number	GAC-D4-A	GAC-D5-A
External Dimensions (WxDxH)	52.8" x 30" x 77.2" min 52.8" x 30" x 88.4" max	64.7" x 30" x 77.2" min 64.7" x 30" x 88.4" max
Internal Dimensions (WxDxH)	43.3" x 18.3" x 22.2"	55.3" x 18.3" x 22.2"
Downflow Velocity	47 fpm (0.24 m/s)	
Pre-Filter	Disposable and non-washable polyester fibers with 85% arrestence/EU3 rated	
ULPA Filter Efficiency	>99.999% for particle size between 0.1 and 0.3 microns, per IEST-RP-CC001.3	
Sound Emmission per EN 12469*	53 dBA	54 dBA
Fluorescent Lamp Intensity**	160 foot candles (1725 lux)	142 foot candles (1525 lux)
Construction, Main Body	0.06" 16 gauge EG Steel with Isocide Oven-Baked Epoxy-Polyester Powder Coated Finish	
Electrical Rating	110-130 VAC, 60Hz, 1 ph	

\*Noise as measured in open field/anechoic chamber

\*\*At zero ambient

Geneva Scientific LLC  
P.O. Box 408  
Fontana, WI 53125

1-877-436-3827  
Fax: 262-245-6678  
Sales@Geneva-Scientific.com

Specifications are subject to change without notice.  
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### 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

### Work Surface

- Two-pieces stainless steel tray with large handle, easy to lift and clean
- Drain hole on both sides to dump animal bedding
- V-shaped grill to avoid blocking
- Center grill for separate work zone to clean and dirty area

### Airflow Sensor

- Monitors real-time airflow for safety and alerts the user if airflow is insufficient

### Work Access

- Large 14" access opening to accommodate rat and mouse cages, hinged up for easy cleaning

### Comfortable Leg Room

- 10" Leg room on each side
- Reduce fatigue for sitting position
- Hydraulic Motor to adjust height

### ELISA Proven Containment

- Provides >99% allergen containment
- Ensures user's safety

### Quite Operation

- The quietest Dual-Access Animal Workstation in the world, at 53 dbA in open field condition
- Comfortable for the operator and animals

### ISOCIDE Powder Coat

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

### Dual Energy Efficient DC ECM Motor

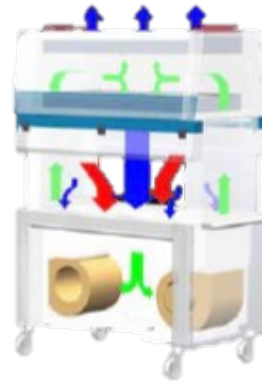
- Powered by latest generation DC ECM motor Made in USA, that is more efficient than legacy ECM and VFD motors (70% Energy savings compared to AC motor)
- Stable airflow, despite building voltage fluctuations and filter loading

### ULPA Filter

- Creates ISO Class 3 work zone instead of industry standard ISO Class 5
- 10x filtration efficiency of HEPA filters

### Airflow System (see diagram below)

- This workstation employs a recirculating airflow configuration for better filtration efficiency.
- The blower system pulls ambient intake air through the front grilles, creating inflow that provides operator protection from allergen inside the work zone. An activated carbon pre-filter removes odors.
- Air flows through the common plenum on top of the cabinet. A portion of it goes up through ULPA filter as exhaust to create inflow. The remaining portion goes down through the ULPA supply filter and bathes the work zone in clean air with a nonturbulent downflow.
- The combination of vertical laminar downflow and inflow creates an air curtain to protect the operator from contaminants released from the work surface.



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Cage & Rack Washers

Vented & Non-Vented Tables

Sterilizers