



# What you'd expect

FROM THE LEADER

## Innovative Biological Work Stations for Maximum Protection and Productivity



**ALLENTOWN CAGING EQUIPMENT Co., Inc.**  
www.acecaging.com



**Corporate Office:**  
Route 526, PO Box 698, Allentown, NJ 08501-0698  
609.259.7951

**European Office:**  
PO Box 8025, Reading, UK RG30 6WY  
0845.045.0243



**WORK STATIONS FOR ANIMAL  
TRANSFER AND BEDDING DISPOSAL**

Allentown Caging Equipment Company's global leadership in research animal housing and equipment is evident in our line of leading-edge biological work stations and enclosures for laboratory animal transfer and bedding disposal. Our innovative HEPA-filtered enclosures provide ergonomic benefits and unsurpassed protection, minimizing user exposure to allergens and safeguarding animals from environmental and cross contamination.

# ATS 5 Dual Access Animal Transfer Station

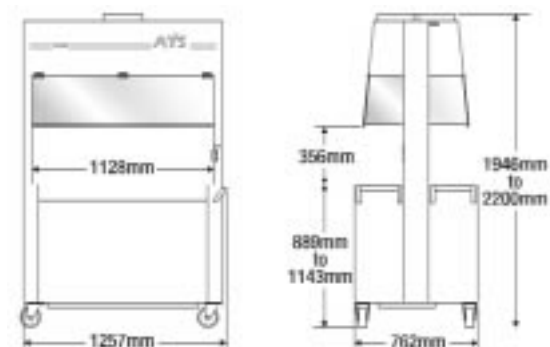
## ENHANCED PROTECTION AND PRODUCTIVITY

The ATS 5 Dual Access Transfer Station optimizes efficiency for cage changing operations. Open access on two sides provides ample work space for one or two operators to transfer animals from dirty cages to clean cages. For maximum productivity, the mobile station may be transported down aisles between cage racks while an operator works from each side.

The ATS 5 provides superior personnel, animal and environmental protection. Room air enters the top of the station and passes downward through prefilters and a HEPA filter and over the work area. This HEPA-filtered vertical laminar airflow provides ISO Class 5 (formerly Class 100) clean air in the work area to protect the animals from environmental and cross-contamination.

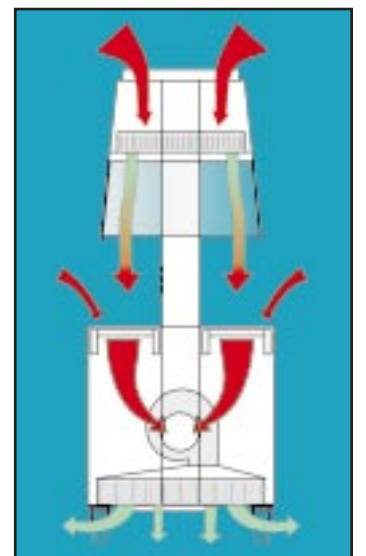
At the same time, room air is drawn into grilles located on the work surface directly below the sash openings to ensure containment and to help protect the operator from allergens. All contaminated air inside the enclosure passes through a second set of prefilters and HEPA filter so that clean air is exhausted back into the room, protecting the environment.

### DIMENSIONAL DATA



### MAJOR FEATURES AND BENEFITS

- Generous work surface area to accommodate various rodent cages
- Electronic hydraulic lift for variable work surface height adjustment from 889mm to 1143mm
- Recessed and angled polycarbonate sashes for viewing without glare
- 356mm high sash openings accommodate various cage sizes
- Two 99.99% efficient HEPA filters trap allergens and contaminants
- Nominal downflow velocity of 0.29 m/sec
- ISO Class 5 (formerly Class 100) air
- Single-pass airflow with no recirculation prevents heat and odour build-up
- IEC320, top-mounted power cord
- Two push/pull bars facilitate transport
- Two 32-watt fluorescent lights illuminate the work surface
- Two easy-to-read minihelic pressure gauges
- Light and blower switches
- IEC320 electrical duplex outlet
- Type 304 stainless steel work surface with perimeter drain
- Large 127mm diameter, non-marking polyurethane casters with brakes
- Durable epoxy-coated steel exterior
- Full three year warranty on parts and labour



## SC 4 AND SC 6 MAJOR FEATURES AND BENEFITS

- Spacious interior provides ample room for conducting sterile small animal procedures.
- Two 99.99% efficient HEPA filters trap particulates including allergens, bacteria and viruses.
- Two prefilters trap large particulates, prolonging HEPA filter life.
- UV lamp for work surface decontamination.
- Two IEC320 duplex outlets.
- Service fixture.
- Electronic hydraulic lift and height adjustment.
- Type 304 stainless steel interior sides, back and work surface.
- Angled clear, 6.4mm thick tempered safety glass sash.
- Glare-free fluorescent lighting.
- Variable speed blower is designed for low vibration and quiet operation.
- Front-mounted light and blower switches.
- Durable epoxy-coated steel exterior.
- Optional folding shelves.

# SC 4 and 6 Biological Work Stations

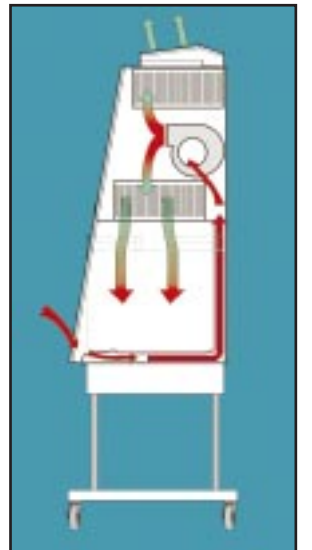
## MINIMIZING RISK FOR RESEARCH INTEGRITY AND WORKER SAFETY

The SC 4 and SC 6 Work Stations provide superior solutions to safe cage changing and small animal transfer for vivariums. Their slim design fits easily in crowded colony rooms. The SC 4 and SC 6 protect both the worker from exposure to allergens and the animals from environmental and cross contamination, while providing a comfortable work setting. HEPA-filtered air circulates through the enclosure in a single pass, avoiding heat and odour build up common with recirculating-type enclosures.

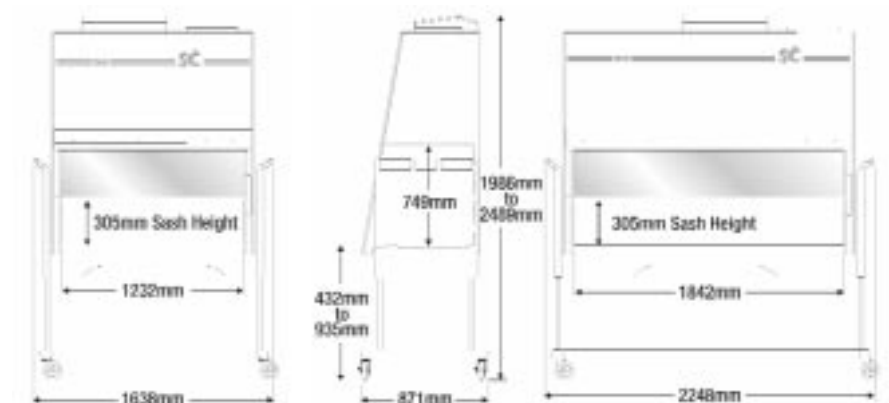
Room air enters the top of the workstation and passes downward through prefilters and a HEPA filter and over the work area. This HEPA-filtered vertical laminar airflow provides ISO Class 5 (formerly Class 100) clean air in the work area to protect the animals from environmental and cross-contamination.

At the same time, room air is drawn into the grille located on the air foil to ensure containment and protect the

operator from allergens. All contaminated air inside the enclosure passes through a second set of prefilters and a HEPA filter so that clean air is exhausted back into the room, protecting the environment from allergens.



### SC 4 AND SC 6 DIMENSIONAL DATA



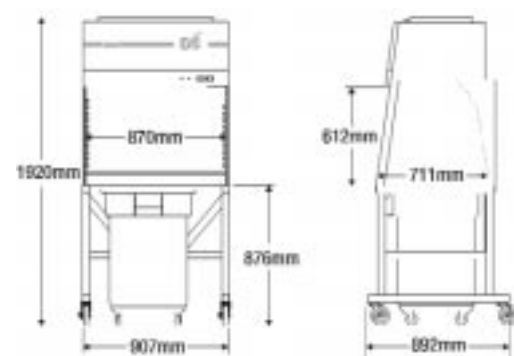
# Bedding Disposal Station

## CONVENIENT AND COMPACT BEDDING DISPOSAL

The Bedding Disposal Station provides a convenient, mobile system for disposing of used small animal bedding. The 870mm wide station fits easily in cramped spaces. Its spacious access opening provides for free range of motion and the large receptacle accommodates rat or hamster cages as well as smaller mouse cages. The waste container holds 150-liter standard-size trash bags for less frequent disposal. The platform on casters locks securely to the waste container for easy transport.

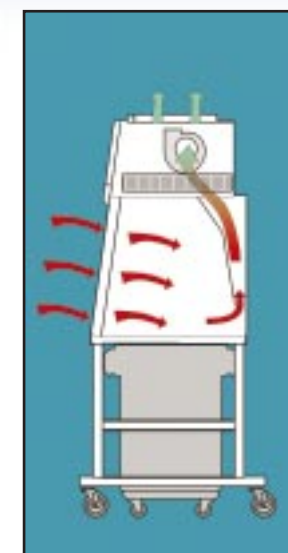
The Bedding Disposal Station protects the operator from airborne particulates generated during bedding disposal operation. Room air is drawn into the front of the enclosure, preventing aerosols from escaping into the room. Before leaving the enclosure and returning to the room through the top of the enclosure, 100% of the air passes through a prefilter to trap large particles and then through an exhaust HEPA filter, protecting the environment. A top-mounted, disposable activated carbon and alumina exhaust filter reduces odours and other gaseous contaminants.

### DIMENSIONAL DATA



### MAJOR FEATURES AND BENEFITS

- Aerodynamic stainless steel air foil directs inflow air into the enclosure to ensure containment.
- Large 150-liter, industrial-strength, NSF-Listed waste container is made of durable, low density polyethylene.
- High density polyethylene platform with 76mm diameter casters supports the waste container for easy transport.
- Large 870mm wide x 543mm high-access opening accommodates various rodent cage sizes and allows for free range of motion.
- Large 127mm diameter, non-marking polyurethane casters allow easy transportation. Toe brakes prevent the station from moving.
- Two-light filter condition indicator monitors differential pressure across the prefilter and HEPA filter.
- 99.99% efficient HEPA filter traps allergens.
- Economical, disposable exhaust prefilter traps large particles to extend HEPA filter life.
- Top-mounted, activated carbon and alumina exhaust filter adsorbs odors, low molecular weight contaminants and other gases present in the exhaust airflow.
- Overall dimensions: 907mm wide x 892mm deep x 1920mm high.



All 230 volt, 50 Hz models are ETL listed, CE marked, conforming to the CE (European Community) requirements for electrical safety and electromagnetic compatibility. Allentown Caging Equipment Company work stations and enclosures provide ISO Class 5 (formerly Class 100) air that conforms to ISO 14644-1 and 2, and are covered by a full three-year limited warranty on parts and labour.

