

# ANTEROOMS/AIRLOCKS

bio**BUBBLE** Anterooms are soft-walled enclosures available as a Freestanding Units or Architectural Renovations. Anterooms operate with dedicated positive or dedicated negative airflows. Enclosures can be designed to convert between positive and negative pressures to adapt to changing environmental needs. bio**BUBBLE** constructs Anterooms in any size or configuration, customized to suit the needs of your specific application. The bio**BUBBLE** Anteroom/Airlock is optional on all bio**BUBBLE** Clean Rooms and Containment Enclosures.

bio**BUBBLE** constructs Anterooms using:

- a modular anodized aluminum framework
- vinyl skin with Velcro®-type connections
- long lasting, energy efficient blowers
- 99.99% efficient HEPA filters

bio**BUBBLE** Anterooms are economical and durable enough to withstand the most demanding research and manufacturing environments.



80 ⇄ 100

**HEPA-FILTERED** air changes per hour  
negative, positive or convertible pressure

**Dedicated Doffing Space:** Negative Pressure bioBUBBLE Anterooms provide secondary containment barrier areas for personnel to perform doffing procedures prior to exiting BSL-2, BSL-3 and BSL-4 areas.

**Dedicated Donning Space:** Positive Pressure bioBUBBLE Anterooms provide a HEPA-filtered, exclusion environment that controls entry into ultra-clean and isolation environments. Positive Pressure Anterooms also maintain the integrity of sterile gowning materials and personal protective equipment (PPE).

**Docking Systems:** bioBUBBLE Anterooms provide a suitable location for the introduction of sterile materials under aseptic conditions. bioBUBBLE designs and manufactures custom docking systems to mate with autoclave containers, glove box isolator ports, pass through boxes, or any other equipment.

**Air Barrier:** bioBUBBLE Anterooms create air barriers for effective isolation of specific rooms and areas within the facility.

**Solve Air Balance Problems:** bioBUBBLE Anterooms compensate for improper air balancing due to older or problematic building ventilation systems.

**Eliminate Disease Transmission:** bioBUBBLE Anterooms reduce the possibility for airborne transmission and transference of pathogen laden airborne particulates.

**Regulatory Compliance:** bioBUBBLE Anterooms assist with personnel compliance of regulatory guidelines without the need for permanent, invasive and expensive hard construction.



< LOW PROFILE POSITIVE PRESSURE ANTEROOM USED AS AIR BARRIER IN HIGH TRAFFIC CORRIDOR

## FEATURES & BENEFITS

**Environmental Separation:** The bioBUBBLE Anteroom offers a portable, low cost, non-invasive method of achieving environmental separation within the facility, regardless of the air balance of the hard room.

**Isolation:** bioBUBBLE Anterooms effectively isolate individual hard rooms, allowing you to utilize mixed-use corridors, while eliminating concerns of cross-contamination between individual rooms.

**Assist Standard Operating Procedures:** bioBUBBLE Anterooms provide dedicated areas for implementation of standard operating procedures (eg. donning and doffing) and aid in protocol reinforcement.

**Installation and Training:** bioBUBBLE offers complete on-site installation and training performed by qualified bioBUBBLE technicians, with little to no interruption of the workflow in your facility.

**Energy Efficient:** bioBUBBLE Anterooms are extremely energy efficient. The Power Units use electronically commutated motors for energy savings.