

CLEAN ROOM, ISOLATION & BARRIER ENCLOSURES

bio**BUBBLE** Clean Rooms are soft walled, positive pressure enclosures powered by 80 – 100 air changes per hour of HEPA filtration. bio**BUBBLE** Clean Rooms are completely customizable, and constructed in any size, shape, or configuration to suit the specific needs of your space and research. Available in two basic design styles: **Freestanding Clean Rooms** and **Architecturally Renovated Clean Rooms**.



bio**BUBBLE** Clean Rooms are constructed using:

- a modular anodized aluminum framework
- vinyl skin with all Velcro-type connections
- blowers with long lasting, energy efficient, electrically commutated motors
- high efficiency HEPA filters

bio**BUBBLE** Clean Rooms are economical, incomparably effective, and durable enough to easily withstand the most demanding research and manufacturing environments. Some of the very first bio**BUBBLE** enclosures have been in continuous operation, 24 hours a day, 7 days a week, for over 20 years.



bioBUBBLE
CONTROLLED ENVIRONMENTS | CUSTOM SOLUTIONS

FORT COLLINS CO | T 970 224 4262 | F 970 224 2419 | www.bioBUBBLE.com

APPLICATIONS

- Animal Housing-Immuno Compromised, SPF, Gnotobiotic, Conventional
- Procedural Space
- Aquatic Research
- Class 100/ISOs
- Horticultural Research
- Manufacturing Processes
- Product Mixing and Preparation
- Toxicology
- Pharmaceutical Processing, Preparation and Packaging
- Customized Solutions – Call us to discuss a customized solution for your application.



FEATURES & BENEFITS

- **Ultra-Clean Environment:** bioBUBBLE Clean Rooms provide an ultra-clean environment free of dust, allergens, dander and airborne contaminants. These conditions are created with high levels of HEPA filtration and mass airflow. bioBUBBLE Clean Rooms provide the ideal conditions for housing any species, animal model, or performing any type of procedural work.
- **User Friendly/Comfortable:** Clear vinyl walls facilitate supervision by allowing complete visual access without the need to physically enter the clean room. The clear vinyl also reduces the feelings of isolation and claustrophobia which can occur in standard hard walled laboratories. Communication is also improved via visual access, creating a more user-friendly environment.
- **Environmental Separation:** bioBUBBLE Clean Rooms provide environmental separation between individual groups, species or studies within the same room or shared space.
- **Cost Savings:** bioBUBBLE Clean Rooms reduce costs by 30 –45% when used as an alternative to hard walled construction in both new and renovated facilities. In addition, this investment is made in transferable capital equipment rather than a permanent structure.
- **Flexible Construction:** bioBUBBLE systems can also drastically simplify building ventilation (HVAC) systems, increasing cost savings and reducing construction timelines. bioBUBBLE Clean Rooms are mounted on high-quality, 5" hospital-grade casters making them extremely portable and easy to move. Modular designs are also available, providing the benefit of docking multiple rooms together to increase size as needed.
- **Installation and Training:** bioBUBBLE offers complete on-site installation and training performed by qualified bioBUBBLE technicians, with little to no interruption in the workflow of the facility.
- **HEPA Filtration:** 99.99% or better on 0.3 micron particles-military std MIL-STD-282/ industry std IEST-RP-CC001.5
- **Easy Cleaning:** Zippered and Velcro-type access points make bioBUBBLE Clean Rooms easy to clean and maintain. Enclosures tolerate all standard sterilants and disinfectants.
- **Energy Efficient:** bioBUBBLE Clean Rooms are extremely energy efficient. Power Units use electronically commutated motors for energy savings.
- **Options:** Anterooms, pass through boxes, custom docking systems, frame mounted shelving and tables, removable perimeter rodent barriers, ports for ventilated caging, auto watering systems, and heat resistant, opaque, or tinted vinyl.

bioBUBBLE
CONTROLLED ENVIRONMENTS | CUSTOM SOLUTIONS

FORT COLLINS CO | T 970 224 4262 | F 970 224 2419 | www.bioBUBBLE.com