



Ductless Robotic Enclosures

Protect Personnel, Processes

When working with robotics and other automation processes, it is critical to maintain a safe working environment, which can be achieved through the use of a Robotic Enclosure. Such enclosures deliver contaminant-free air, protecting nearby personnel and the environment from aerosols and harmful chemicals. Additionally, Robotic Enclosures help prevent injuries to personnel that can result from the movement of robotic equipment. A Robotic Enclosure can likewise protect the robot from potential damage caused by other equipment in the vicinity. Robotic Enclosures are used to maintain a high level of throughput while minimizing contamination, providing a clean environment to protect samples, improving efficiency and providing safety in an automated environment.

Using proven [Multiplex™ Filtration Technology](#), the Air Science® Ductless Robotic Enclosure is an ideal choice for protection during automation processes. The enclosure is customizable to address your unique requirements, with each unit engineered to maximize operator safety and process accessibility. Air Science can guide you in selecting the best options for your application by determining a configuration and system that suits your needs. Our staff works closely with you to deliver a completely personalized experience, including custom sizing, construction materials, door/opening types, airflow patterns, filtration and accessories to accommodate your robot apparatus.

Air Science customized Robotic Enclosures deliver the necessary safety and protection required for robotic systems. From high-volume sample management and high-throughput screening to clinical research and liquid handling, our customizable units provide superior operator protection while offering user-friendly features and innovative filtration technology.

[Contact us](#) for assistance in designing your Ductless Robotics Enclosure.



AIR SCIENCE DUCTLESS ROBOTIC ENCLOSURES

Air Science Ductless Robotic Enclosures deliver reliable, cost-effective protection while providing maximum safety and flexibility to the customer. Ductless technology offers a host of benefits and features designed to help save money and provide enhanced protection to operators and the environment. No ductwork installation costs are incurred, and no demands are required of the facility HVAC capacity for make-up air since filtered, conditioned air is returned to the room. Product installation and maintenance are straightforward, and units are easily transported to accommodate changing operations with a minimum amount of downtime.

Customizable Features Include:

- Dimensions
- Protection Required
- Filtration Type
- Construction
- Door and Window Types
- Accessories and Options



Custom Enclosure^{SERIES}

Air Science designs and manufactures [Custom Enclosures](#) to meet any specialized filtration need, including enclosures to accommodate many of the most commonly used robotic systems. Our units can be engineered to protect personnel, the process or both from particulates, fumes and vapors. Customization can range from minor modifications to standard Air Science models or completely customized, application-specific enclosures.

[LEARN MORE](#)



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