



SIMPLEX MODULAR CLEANROOMS & ENCLOSURES

Simple containment solutions
for complex environments
to ensure safe, optimized
performance & production



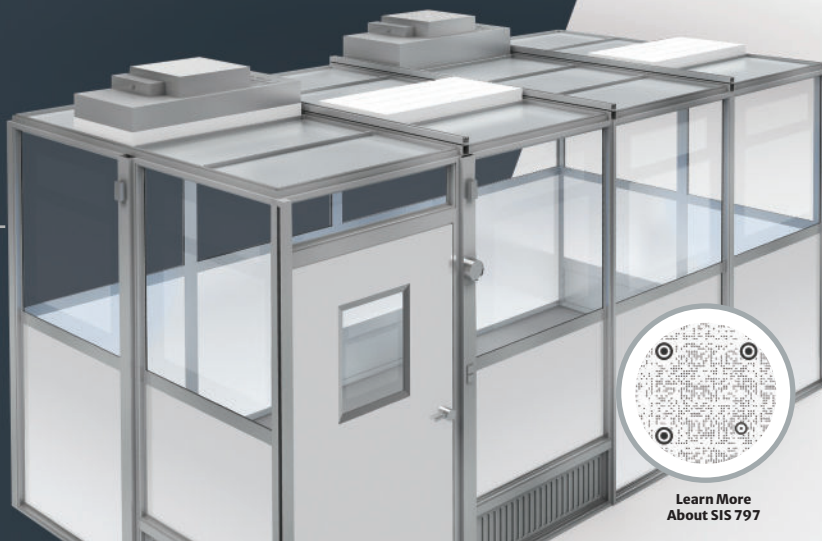
www.SubzeroEng.com

SUBZERO
ENGINEERING

SIS 797 Hardwall Clean Room

The SIS 797 Cleanroom is an ideal solution for USP 797 and USP 800 applications, such as pharmaceutical compounding, assembly and sterile packaging.

Engineered with easy-to-clean internal features, this enclosure's frame boasts Active Channel Technology (ACT) which creates a near flush surface between the frame and panel inserts. This technology eliminates hidden spaces where contaminants can hide and cause problems inside a clean environment.



PROFESSIONAL LOOK



Assembly hardware is accessed from the exterior of the cleanroom. The hardware is sealed with caps to provide a clean, professional look.

ACTIVE CHANNEL TECHNOLOGY



The ACT creates a snug interior mounting of the insert panels, keeping them flush with the frame. This makes the interior walls easy to keep clean.

AIRLOCK Hardwall Clean Room

The AirLock Enclosure features modular wall panels with a latch-together design for quick assembly. Suitable for both small environments and large industrial applications, the AirLock Enclosure is a reliable, proven space for clean manufacturing.

The wall panels are engineered to make installation simple and to allow for easy expansion as production needs change. Ideal for a range of applications and industries, including medical device manufacturing, assembly and packaging.



LATCH-TOGETHER CONSTRUCTION



Modular, latch-together construction installs fast, often in less than an hour. Frame-to-frame connections utilize closed-cell foam gaskets.

VARIOUS INSERT OPTIONS



Wall panels are available in various materials, from polycarbonate to aluminum to static dissipative, non-outgassing vinyls.

SIS 212 Softwall Clean Room

The SIS 212 Enclosure features lightweight, anodized aluminum frames with suspended vinyl. The modular, robust and easy-to-assemble design is an economical option for applications such as tool enclosures, medical device manufacturing, assembly and packaging.

Easily customized and expanded, these enclosures can be fitted with HEPA filters and modular air conditioning units, or can be quickly adapted to existing ventilating and dust collection systems.

PORTABLE OR FIXED SYSTEM

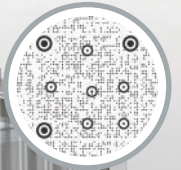
Can be designed as a portable system with casters or as a fixed system with floor cleats or leg levelers.

COMPLETE LINE OF MATERIALS

Choose from ESD-resistant, non-outgassing curtains, light-blocking, welding or sound proofing materials.



Learn More
About SIS 212



Custom Separation Solutions

Subzero Engineering's Simplex modular cleanrooms & separation systems are available in standard floor plans or in custom configurations that can be customized to accommodate any size, layout or application requirement.

We can work with you to design a customized Hardwall or Softwall enclosure for a truly optimized critical environment protection.



ISO CLASSIFICATIONS

All of Subzero Engineering's modular cleanrooms are designed to meet specific ISO classification requirements

Class 1 | ISO 3

Class 10 | ISO 4

Class 100 | ISO 5

Class 1000 | ISO 6

Class 10000 | ISO 7

Class 100000 | ISO 8

- ✓ ISO Class
- ✓ Framing Finish
- ✓ Wall Panel Inserts
- ✓ Door Options
- ✓ Venting Options
- ✓ Ceiling Components
- ✓ Floor, Wall & Ceiling Attachments
- ✓ Structural Calculations
- ✓ Electrical Outfitting
- ✓ Support Posts
- ✓ Accessories

OUR PRIMARY Differentiators

QUALITY

We set the quality standard in the industry. Our parts and materials are long-lasting and perform as designed, ultimately saving you money.

INNOVATION

Subzero Engineering is known for innovation and new product development. Owing to our philosophy of continuous improvement, we source new materials and develop new construction methods and products to help our customers achieve their objectives.

SERVICE

Supporting our product is important to us. At whatever level you utilize Subzero, you are always backed by industry expertise, product knowledge and product warranties.

Our Process

CONCEPT TO INSTALLATION

CONCEPT

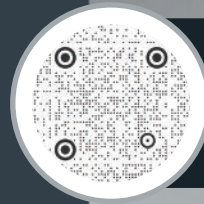
The Subzero Engineering team works closely with customers to identify any specific requirements and cleanroom classifications to design a custom enclosure.

DESIGN & LAYOUT

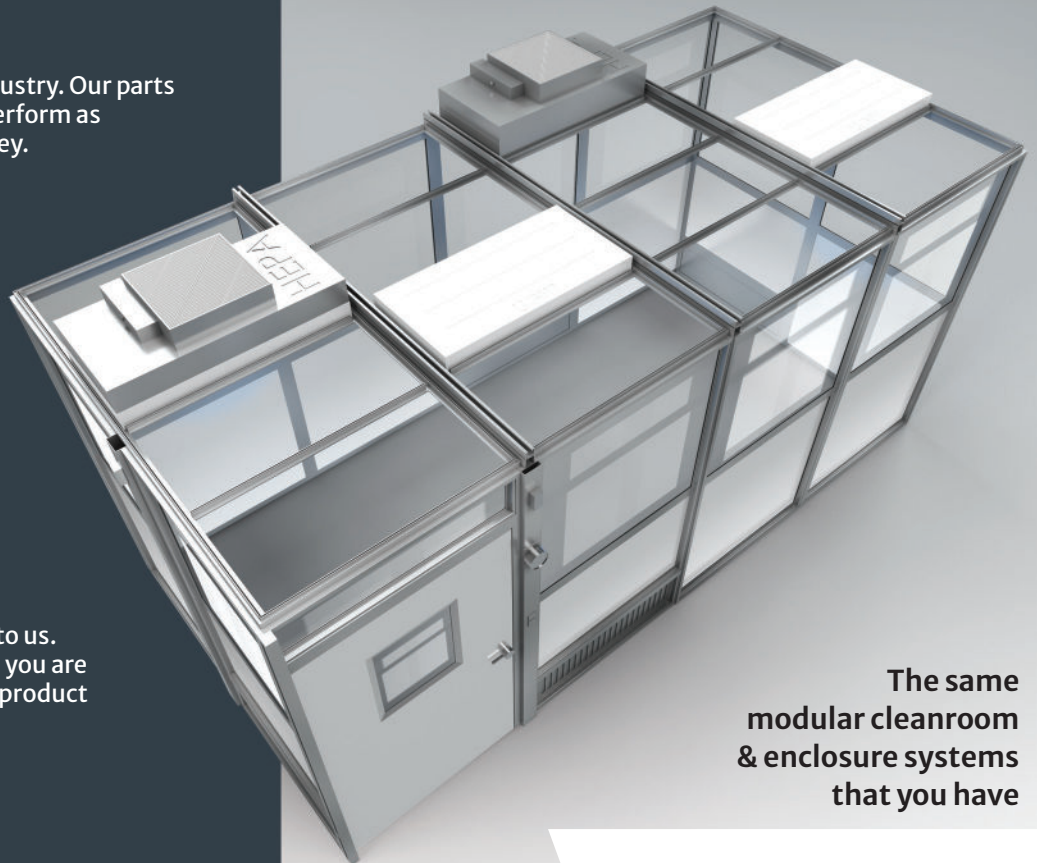
With over 35 years of experience in cleanroom design, the Simplex team develops drawings with a focus on efficiency, compliance and scalability.

INSTALLATION

Subzero's installation team has the experience to safely work with our products in your critical environment. Expert installation and commissioning guarantees our solutions are completed accurately, safely and quickly.

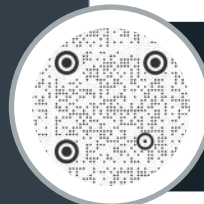


DON'T KNOW WHERE TO START?
Scan the QR code to read our educational article
"What to Know When Considering a Cleanroom"



The same
modular cleanroom
& enclosure systems
that you have

Now efficiently engineered and manufactured by Subzero Engineering.
The complete line of Simplex hardwall and softwall enclosures are ideal for a variety of applications. As a leader in cleanroom technology, Subzero Engineering has the expertise required to design, engineer, construct and install your cleanroom to your application's specific requirements.



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Visit SubzeroEng.com to answer all your questions or to begin discussing your project.