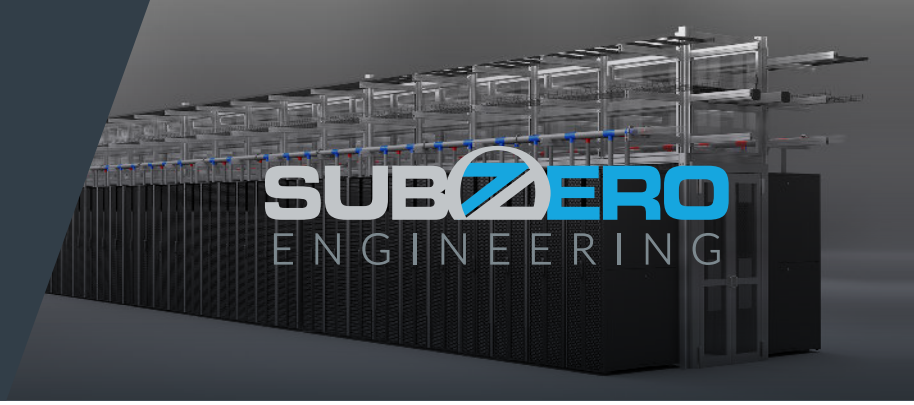
TURNKEY, SUSTAINABLE
& PRECISION ENGINEERED

Infrastructure Solutions

for Data Centers, Cleanrooms
& Mission-Critical Environments



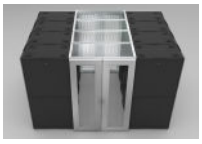
Data Center Containment Solutions

Our Containment solutions can be deployed quickly and flexibly, offer significant solution lifecycle cost-savings, and promote sustainable, optimized data center performance.



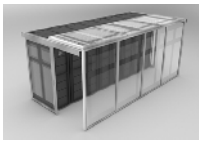
Aisle End Doors

Subzero Engineering's functional door systems effectively cap both hot and cold aisle ends. We manufacture a wide array of aisle end door styles and weights.



Colo Roof System

A custom-designed tailored fit with refined premium finishes. Easily fill in all sizes of gaps to create one continuous containment solution.



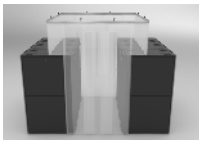
Containment Panels

Subzero Engineering Containment Panels are custom designed to fit your space and easily fill in all sizes of gaps to create a seamless, fully enclosed containment system.



Polar Booth

The Subzero Engineering Polar Booth fully completes the separation of supply and return airflow by addressing isolated equipment.



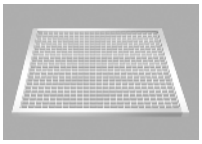
Curtain Containment

Our Rack Hat curtain containment system is the only kit-based curtain containment system in the industry. It's the premier low-cost solution for both new and legacy data centers.



Data Center Security Caging

Optimal solutions for subdividing spaces within data centers and ensuring enhanced security levels in server rooms.



Containment Accessories

Subzero Engineering's customized airflow management solutions (AMS) help optimize the functionality of the implemented hot and cold aisle containment.



Dissolvable Air Barrier Panels

Fire-safe aisle containment that dissolves completely when sprinklers activate

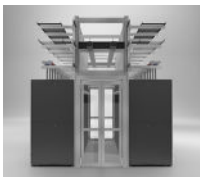


Data Center Doors

Modular, OEM-ready modular data center doors delivering protection, durability, and efficient service access.

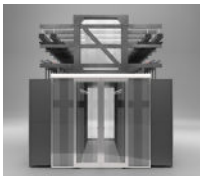
AisleFrame® System

An all-in-one, ground-supported, frame-based structure engineered for IT and HPC deployments. Integrates cabinet docking, aisle containment, and power/cable/fiber distribution into a modular, freestanding infrastructure platform.



Steel AisleFrame®

A durable, seismically-rated frame-based structure, customized to your facility's needs. Made of easy-to-source, recyclable steel for higher weight loads.

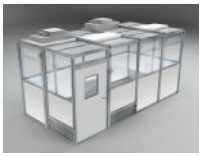


Composite AisleFrame® (CAF)

Made of lightweight composite materials. As structurally strong as the SAF, but easier to transport, install, and/or reconfigure. Allows environmentally-conscious data centers to take their carbon reduction efforts to the facility floor.

Simplex Modular Cleanrooms

The Simplex Clean Room Enclosure portfolio has a solution to meet any critical environment application across every industry sector.



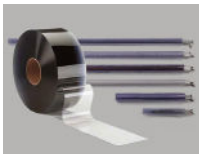
Hardwall Cleanrooms | SIS797 & Airlock

Easy-to-build proven spaces for controlled environments. Suitable for all classes of cleanrooms and for all levels of process isolation across every industry sector.



Softwall Cleanrooms, Vinyl Curtains & Strip Doors | SIS212 & Airblock

High quality PVC products providing entry level, cost-conscious isolation installation solutions.



Enclosure Components

Integrated options for cleanrooms, including lighting, electrical systems, access points, monitoring solutions, HEPA filtration, and additional performance-driven features.



Enclosure Doors

High-performance door systems tailored to your application and precision-manufactured to the highest quality standards.

SUBZERO ENGINEERING

SubzeroEng.com

ABOUT SUBZERO ENGINEERING

Subzero Engineering delivers turnkey data center containment and modular cleanroom solutions worldwide. Since 2005, we have engineered precision systems that optimize airflow, improve energy efficiency, and protect mission-critical and contaminant-controlled environments. Backed by global manufacturing and end-to-end expertise, we simplify complexity and deliver measurable performance.



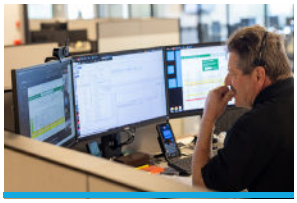
Services & Support

A complete lifecycle approach delivering expert guidance, precision engineering, and ongoing optimization for mission-critical environments.



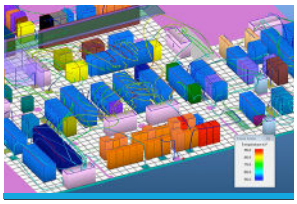
Consultation Services

Critical environments are constantly evolving. Our experts provide guidance at every stage to address both immediate needs and long-term infrastructure goals.



Precision Design & Engineering

Whatever the containment, data center or cleanroom project, intelligent design ensures the best fit, finish, protection and optimized solution performance.



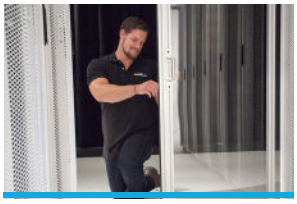
Computational Fluid Dynamics (CFD)

Data-driven analysis and expert guidance at every phase of your project—from defining solution requirements to supporting continuous improvement and ongoing performance optimization.



In-House Manufacturing

Precision-built systems produced within our global manufacturing network, ensuring rigorous quality control, reduced lead times, and scalable capacity for projects worldwide.



Global Installation Services

Experienced installers ensure safe, efficient deployment and commissioning of standard and custom solutions—delivering performance from day one.



Maintenance & Optimization

Ongoing monitoring and upgrades to keep data centers and cleanrooms operating at peak performance—supported before, during, and after project delivery.



Your Trusted Single-Source Partner for Data Center Lifecycle Management

Why Subzero?

Turnkey, Single-Source Partner
From concept through commissioning and beyond

Engineered for Safety & Performance
Designed to meet the highest operational standards

Modular, Scalable Systems
Built to adapt and grow with your infrastructure

Sustainability-Focused Designs
Optimized for energy efficiency and long-term impact

Global Manufacturing & Support
Strategic production across North America, EMEA, and APAC

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