



CSZ builds Cold Storage Facility for Life Science Applications

Application:

Cold storage facility with multiple compartments for Tissue Storage

Benefits:

Reduce Floor Space, Capital Investment, Operational, and Maintenance Costs.

Flexible design for a variety of sizes and configurations.

What Was Sold?

Cincinnati Sub-Zero (CSZ) presents an innovative way to address material handling concerns in the tissue bank industry. Ideal for the storage of genetic material (DNA), donor tissues, and allografts for surgical transplantation, these life science cold storage facilities contain individual freezer compartments with temperatures reaching as low as -75°C . All storage facilities meet the temperature requirements established by the American Association of Tissue Banks for a variety of different tissues.

Recognizing that consistently maintaining extreme cold temperatures is crucial to preserving the integrity of these materials, these units commonly come with a completely redundant refrigeration system to guarantee continuous operation. The modularity of these life science cold storage facilities allows for tremendous flexibility with regard to the design of the overall unit and the individual freezer compartments. This flexibility allows for a variety of sizes and configurations to accommodate all of your storage needs.

Each freezer compartment may be independently controlled; provides for multiple doors and customized shelving for increased access to each individual freezer compartment; and permits easy access for product dating or product rotation purposes.

These life science cold storage facilities may replace hundreds of conventional upright freezers with a single unit making it more cost effective by reducing floor space, capital investment, operational, and maintenance costs.



Pictured above – Entry vestibule with hall access doors on the right



Pictured above – Typical hall with access to multiple cold storage compartments on both sides

CSZ
Cincinnati Sub-Zero
The Testing Standard.