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## BIOSTORE® FREEZER ROOMS



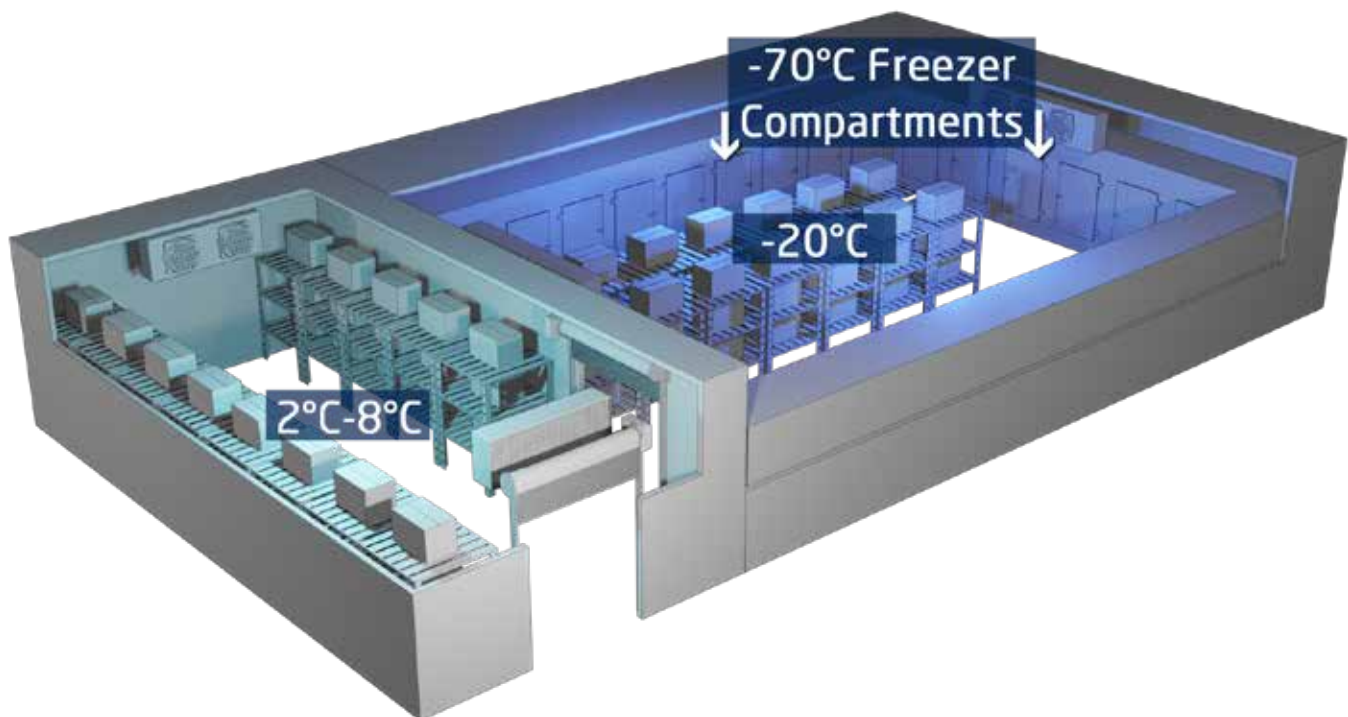
# Cold Storage Freezer Rooms

## BioStore® Freezer Rooms

### Consistent & Reliable Ultra Low Cold Storage

As the need for vaccines and pharmaceuticals rise worldwide, CSZ BioStore® ultra-cold freezer rooms offer an ideal solution for customers with bulk cold storage needs. These freezer rooms address cold storage concerns of reliably storing material at consistently low temperatures. Ideal for the storage of vaccines, pharmaceutical, genetic material (DNA), donor tissues, and allografts for surgical transplantation.

The BioStore freezer rooms contain individual freezer compartments with temperatures from -75°C up to -40°C (-103°F to -40°F). The compartments are cooled by external and redundant conditioning units to protect critical samples also offering less maintenance and energy savings as opposed to multiple individual freezers. These freezer rooms are comprised of an entry room of 2-8°C and -20°C storage room with multiple freezer compartments (10, 20 or more). This is ideal for large capacity storage to replace multiple upright freezers and cold chambers with a single room.



Sizes and configurations are customized to meet your specific application and needs.

### Savings You Can See

	CSZ Freezer Room*	Upright Freezers (32ft <sup>3</sup> )
<b>Number of units needed</b>	1	19 freezers
<b>Heat generated</b>	Negligible	92,000 BTUs/hr
<b>Floor space</b>	504 sq. ft.	608 sq. ft.
<b>Redundancy</b>	2x or greater	None
<b>Noise</b>	Negligible	Dull Roar

\*Including redundant compressor system (externally located), air dryer, stainless steel shelving, and installation. Numbers based on need for 600 cubic feet of storage.



## BioStore Benefits

- Includes fully redundant (single or dual) backup cooling systems that guarantee continuous operation to protect valuable samples and materials.
- Reduces the amount of floor space required for equivalent individual freezers.
- Utilizes less power per cubic foot.
- Saves operating costs by dissipating less condenser heat into the room, saving on operating costs of the building's cooling system.
- Reduces maintenance and repair costs by only maintaining one system instead of multiple, individual freezers.
- Minimizes frost accumulation.

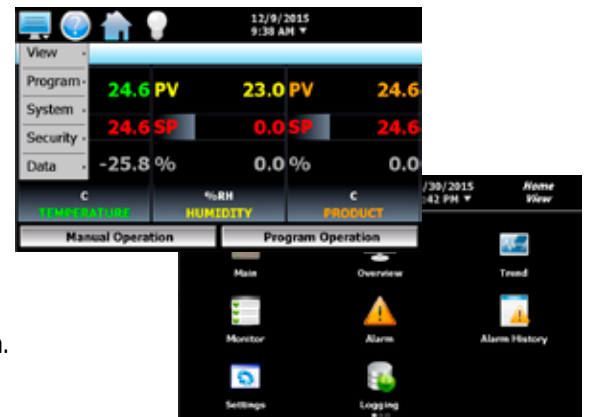






## BioStore Features

- CSZ EZT-570 21 CFR Part 11 Touch Screen Controller with data logging, data file access via USB memory stick, Ethernet control and monitoring, alarm notification via email or phone text message, data file backup system, power recovery options, audible high/low limit alarms, full system security and more.
- Compartments are stainless steel interior and contain custom configurable stainless steel product shelving.
- Dry Air Purge provides a positive pressure to minimize moisture infiltration.
- Redundant refrigeration system with LN2 backup option.
- Optional audible and visual alarms may be included to prevent doors from being left open or if the compartment warms up above the specified temperature, protecting your product.
- Back up systems are available in the event of power failure, mechanical system failures or for maintenance purposes.
- Hallways may be stainless steel or painted white aluminum with white suspended ceilings.



**Save valuable time with the ease of use of the EZT-570 featuring fewer steps to accomplish your daily testing needs while incorporating simplified operation and programming to test faster.**



4 Ante Room provides additional environmental isolation for frequent entry



Typical hall access to multiple cold storage compartments - stainless exterior



Freezer compartments with white painted exterior.



Cincinnati Sub-Zero is a product brand of Weiss Technik North America, Inc. Weiss Technik North America is a member of the Weiss Technik group of companies, a division of the Schunk Group with its headquarters in Heuchelheim, Germany. Weiss Technik is the world's largest manufacturer of environmental simulation systems and employs more than 2,900 people in 18 group companies in 15 countries.

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### Additional life science solutions are available.

- Photostability Testing
- Stability Rooms
- PharmaEvent Stability Testing



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