

# TOVATECH

## Vaccine Refrigerators and Freezers 10 Essential Items to Consider

### The Vaccine Cold Chain

Vaccine temperature control from point of manufacture to administration is critical. This continuation of temperature control is the cold chain.



### What Do I Need?

You need a CDC compliant vaccine refrigerator and/or freezer. You have options based on your space and needs including undercounter, countertop, and stackable equipment.



### Specialized Vaccine Refrigerator Equipment

This equipment is very distinct from residential and restaurant-grade equipment. This specialised equipment is designed to meet exacting CDC regulations including temperature control.



### Things to Think About

Location is key, undercounter vs. free-standing, equipment clearance, and your local environment - all must be considered when researching and purchasing a vaccine refrigerator and freezer.



### How Cold?

Most vaccines must be stored between 2C and 8C. Frozen vaccines must be stored between -50C and -15C. Always follow the vaccine manufacturer's instructions. Read Ten Things To Know About Vaccine Refrigerators and Freezers to learn more about temperature control.



### Temperature Control and Alarming Systems

Are a must for CDC compliance. There's a range of of temperature control options based on the equipment model. Temperature alarming is key.



### Defrosting Systems

There are three defrosting systems: automatic, frost-free and manual. Use auto-defrost for refrigerated vaccines. Refer to Ten Things To Know About Vaccine Refrigerators and Freezers to learn more about CDC recommendations.



### Monitoring and Record Keeping

CDC recommends continuous digital data recording systems and it recommends manually recording vaccine temperatures at the start and end of the day.



### How Much Storage Capacity?

Frozen vaccines require less storage capacity than refrigerated vaccines. Correct storage capacity allows you to keep stock in accordance with demand and expiration dates. The more full the better for maintaining temperature control. The CDC Toolkit has excellent advice on what you need.



### Equipment Options

Casters vs. levellers vs. legs, powered keypad locks, self-closing doors, additional shelving, drawers and baskets, stainless steel vs. painted exteriors, reversible door hinges - are just a sample of the options available. Don't forget the warranty!



For a detailed presentation

[download the CDC's Vaccine Storage and Handling Toolkit.](#)

And remember that Tovatech experts are always available to answer your questions.