



Stand-Alone Refrigerators & Stand-Alone Freezer Units for Vaccine Storage of State Supplied Vaccines (SSV)

Dorm Style Vaccine Units

The CDC has not supported the use of dorm style units for vaccine storage since 2009 and recent CDC guidance states that vaccines stored in a dorm-style refrigeration unit are to be considered non-viable and cannot be used. Dorm units are defined as having both a refrigerator and freezer compartment but having only one external door. State supplied vaccines stored in a dorm-style unit must be returned to the centralized distributor. Returns can be processed in OSMOSSIS.

General Recommendations

- CDC highly recommends vaccines be stored in stand-alone refrigerator and stand-alone freezer units
- shopping online offers a variety of products to choose from
- frost-free units are highly recommended
- units need capacity to store year's largest inventory (typically inventory held during flu season) without crowding
- allow proper air flow within the unit, do not crowd vaccines
- store water bottles in refrigerator door and on bottom of unit and top shelf of unit to add thermal mass to stabilize the temperature
- store ice bags in freezer to add thermal mass to stabilize the temperature
- be sure to leave space between the vaccines and unit wall to allow for air circulation

Unit Size - *these are estimates ONLY, use the above recommendations and doses (below) to best determine your practice needs*

REFRIGERATOR ONLY UNIT

average doses on hand

size estimate

- | | |
|-----------------|----------------------------------------------------------|
| • less than 400 | 4.9 to 6.7 cubic feet |
| • 400- 700 | 11 to 16 cubic feet |
| • 700-1000 | 16 cubic feet minimum |
| • 1000-2000 | 36 cubic feet or several smaller units |
| • 2000 + | 36 cubic feet or several smaller units or pharmacy grade |

FREEZER ONLY UNIT

average doses on hand

size estimate

- | | |
|-----------------|---------------------------------|
| • less than 200 | 1.7 cubic feet counter top unit |
| • 200- 500 | 3.5 cubic feet minimum |