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

Dorm-Style Vaccine Units

Dorm style units are not allowed for storing SSV vaccines. Dorm-style units are defined as having both a refrigerator and freezer compartment with only one external door. SSV vaccines stored in these units are considered non-viable and must be returned using the OSMOSSIS process.

General Recommendations

- Store vaccines in a stand-alone refrigerator and stand-alone freezer units
- Shop online for a diverse selection of refrigerator/freezer products
- Look for a refrigerator or freezer that is "frost-free". Ensure unit capacity to store largest inventory (typically inventory held during flu season) without crowding
- Grated shelving is preferable to glass shelving for best air circulation, temperature maintenance
- Leave ample space between the vaccines and unit wall to allow for air circulation
- Stabilize refrigerator temperature: store water bottles in refrigerator door, on the bottom of the unit, and on the top shelf to add thermal mass
- Stabilize freezer temperature: store water bottles in freezer to add thermal mass

Unit Size *Use these following estimates with the above recommendations to best determine your practice's 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 countertop unit
200-500	3.5 cubic feet minimum