

## Purpose-built vaccine refrigerators:

The preferred refrigerators for vaccine storage. They do not require modifications to meet standards, unlike domestic fridges.

## Key features of purpose-built refrigerators:

- Temperature regulation mechanism
  - Maintain temperature of +2 °C to +8 °C
- Ongoing air circulation
- Evaporator to prevent freezing
- Rapid temperature recovery system

**Please note:** This document is intended as a high-level overview of different purpose-built vaccine refrigerators. Public health requirements vary between regions; please contact your local public health unit prior to purchasing a vaccine refrigerator to ensure compliance with regional requirements. Prices and products are subject to change.

	Countertop	Under counter	Upright (single door)
Common makes & models	<ul style="list-style-type: none"> <li>• Haier (HYC-51BF/-68)</li> <li>• Pharmacold (NAB-60, VAX-42)</li> <li>• Accucold (ARG1PV)</li> <li>• Danby (DH016A1W-D)</li> </ul>	<ul style="list-style-type: none"> <li>• Haier (HYC-118)</li> <li>• Pharmacold (NAB-140, VAX-126)</li> <li>• Accucold (ARG3PV/6PV)</li> <li>• Danby (DH032A1W-D)</li> </ul>	<ul style="list-style-type: none"> <li>• Haier (HYC-290/-390/-639)</li> <li>• Pharmacold (NAB-260/-400/-650, VAX-316/-416)</li> <li>• Accucold (ARG12PV/15PV)</li> </ul>
Cost range	\$1300 - \$2400	\$1650 - \$3150	\$2730 - \$6650
Size range (approx.) (external dimensions)	W 45-50 cm (17-20 in) D 45-58 cm (18-22 in) H 55-66 cm (22-26 in)	W 45-60 cm (17-23.5 in) D 49-63 cm (19-25 in) H 81-87 cm (32-34 in)	W 60-66 cm (23-27 in) D 45-71 cm (18-28 in) H 108-192 cm (42-75 in)
Interior storage	<ul style="list-style-type: none"> <li>• HYC-51BF: 3 trays</li> <li>• HYC-68: 2 shelves, 1 basket</li> <li>• NAB-60: 1.5 shelves</li> <li>• VAX-42: 1 shelf, 1 basket</li> <li>• ARG1PV: 3 shelves</li> <li>• DH016A1W-D: 3 shelves</li> </ul>	<ul style="list-style-type: none"> <li>• HYC-118: 3 shelves, 1 basket</li> <li>• NAB-140: 2.5 shelves</li> <li>• VAX-126: 3 shelves</li> <li>• ARG3PV/6PV: 4 shelves</li> <li>• DH032A1W-D: 4 shelves</li> </ul>	<ul style="list-style-type: none"> <li>• HYC-290: 4 shelves, 1 basket</li> <li>• HYC-390: 7 shelves</li> <li>• HYC-639: 4-6 shelves</li> <li>• NAB-260: 5.5 shelves</li> <li>• NAB-400: 6.5 shelves</li> <li>• NAB-650: 5 shelves</li> <li>• VAX-316/-416: 5 shelves</li> <li>• ARG12PV/15PV: 7 shelves</li> </ul>

References:

1. Ontario Ministry of Health. Vaccine Storage and Handling Guidelines. <https://files.ontario.ca/moh-ophs-ref-vaccine-storage-handling-guidelines-2021-en.pdf>
2. 360 Medical. <https://www.360medical.ca/>