

**Exceeding rigorous demands  
and meeting quality control  
protocols**



Model 2-2020GD



Model CTR-ADA



Model F-6

Storage Method	Recommended Storage Time
Freezer (home unit combined with refrigerator)	3 Months
Freezer (-20°C, -4°F)	6-12 Months
Freezer (-70°C, -94°F)	≥ 12 Months
Refrigerator (4°C, 40°F), Fresh Milk	48 Hours <sup>b</sup>
Refrigerator (4°C, 40°F), Thawed Milk	24 Hours
Refrigerator (4°C, 40°F), Thawed pasteurized donor milk	48 Hours
Cooler with ice packs (15°C, 59°F), Fresh Milk	24 Hours
Room Temperature (25°C, 77°F)	≤ 4 Hours

<sup>b</sup> Fresh milk that is unit-dosed at time of expression may be held at refrigerated temperatures for up to 96 hours if expressed under clean conditions and the container is not entered prior to infant feeding. This is particularly important for small volume, fresh milk feedings for ill or preterm high-risk infants.

<sup>1</sup> Slutzah M, Codipilly CN, Potak D, Clark RM, Schanler RJ. Refrigerator storage of expressed human milk in the neonatal intensive care unit. *J Pediatr.* 2010;156:26-28.

1-A Infant feedings: Guidelines for Preparation of Human Milk and Formula in Health Care Facilities. Pediatric Nutrition Practice Group of the American Dietetic Association, 2011;4:47.

NeoMed and Gem Refrigeration announce a strategic partnership that brings clinical refrigeration and freezer technology to the NICU for the purpose of maximizing clinical nutrition while reducing costs. The Gem Refrigerator and Freezer lines include a variety of products that consistently provide temperature stability within the ranges recommended by ASPEN, ADA and the HMBANA. Proper temperature control and stability at (4°C) for refrigerators and (-20°C) for freezers allows for the extended useful shelf life of fresh and frozen HBM as detailed by Table 1-A. Common residential storage devices are not designed to provide stable temperature control and their use will likely result in diminished micro-nutrients and shortened shelf life of human breast milk and formula.

**Clinical Impact:** Expanding the useful shelf life to 96 hours as recommended by the ADA will enable NICUs to more effectively store and deliver FRESH HBM to an at-risk preemie population and eliminate routine freezing.<sup>1</sup>



LED digital read out for easy temperature monitoring.  
 4.5 cubic feet.  
 Measures 32" H x 24" W x 26" D.

**Model CTR-ADA Refrigerator**



Heavy gauge casters allow for easy transportation of units.  
 Solid locking door with quick grip handle.  
 7.2 cubic feet.  
 Measures 33" H x 27" W x 27" D.

**Model F-6 Freezer**

### Under Counter Refrigerator & Freezer Units

#### Features & Benefits

- Meets ASPEN, ADA and HMBANA recommendations for proper storage of breast milk.
- Stable temperature control from 2° to 8°C for refrigerator and 0° to -20°C for freezer.
- Maintains temperature control even with the door open.
- Under counter design is ideal for POD placement, providing easy access to patient care areas, as well as storage for milk bottles and enteral syringes.
- Stainless steel frames help mitigate growth of bacteria and viruses.
- Locking door and illuminated interior.



**Model 2-2020GD Refrigerator**

25 cubic feet.  
 Measures 79" H x 29" W x 34" D.  
 Heavy gauge casters allow for easy transportation of units.

### Refrigerator Unit

#### Features & Benefits

- Meets ASPEN, ADA and HMBANA recommendations for proper storage of breast milk.
- Temperature stability control from 2° to 8°C.
- Maintains temperature control even with the door open.
- Stainless steel frames help mitigate growth of bacteria and viruses.
- Clear glass door and illuminated interior.
- LED digital read out for easy visibility of temperature.
- Built in door locks for added security.

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