

Alternative to Propane Refrigeration



Save on system costs with the new SunDanzer[®] 450 liter (15 cubic feet) DC refrigerator/freezer. This ultra-efficient unit has low energy consumption and requires no inverter to operate.

With thick insulation and a refrigeration system optimized for solar powered systems, this SunDanzer unit will provide outstanding economical and reliable operation.

Low energy consumption is the key that allows SunDanzer refrigerators and freezers to be cost effectively powered from solar, wind, fuel cells or batteries. This technology allows refrigeration in remote locations where it was previously unavailable or prohibitively expensive.

MSRP \$1,975 (PV not included)

Specifications

Refrigerator volume	10 ft ³ [283 L]
Freezer volume	5 ft ³ [142 L]
Refrigerator setting	37 °F ± 2
Freezer temperature**	5 °F to 15 °F
Operating ambient temperature range***	60 °F to 90 °F
Voltage range	10 to 31 Vdc
Energy	0.95 kWh/d (90F)
Energy	0.75 kWh/d (80F)
Recommended PV	250-350W*
Defrost	Manual
External dimensions (HxWxD)	74¾" x 30¾" x 28½" in
Shipping dimensions	80½ x 33 x 30½ in
Shipping Weight	228 lbs.

* See Residential Sizing Chart on SunDanzer Website.

** Dependent on ambient (room) temperature

*** Freezer will be warmer in colder ambient conditions. For use indoors only. Freezer will not operate properly in a room colder than 60 °F.

Features:

- 12 or 24 VDC with low voltage disconnect for battery protection
- Environmentally friendly CFC-free refrigerant (R-134a)
- Rugged scratch resistant epoxy paint over galvanized steel exterior
- Easy to clean interior
- LED door activated interior light
- 3 Shelves + 1 Lower basket (not shown)
- Electronic temperature regulation
- Doors are not reversible

Applications:

- Remote homes
- Eco-Resorts
- Remote Stores
- Disaster Preparedness
- Beverage Vending
- Churches & Schools
- Unreliable Grid Power
- Micro-enterprises
- Cabins
- Medical Clinics
- Markets
- Farms
- Boats and Marine
- Mobile Vendors
- Missionaries
- Remote Village