



DC Refrigerators and Freezers



1.8 cf MSRP \$699
DCR50 or DCF50

Features (vary by model):

- 12 or 24 VDC with low voltage disconnect for battery protection
- Combination AC and DC power option available
- Environmentally-friendly, CFC-free refrigerant (R-134a)
- Rugged, scratch-resistant, galvanized steel exterior
- Easy to clean interior
- Patented low-frost system
- Automatic control with adjustable thermostat
- Baskets for food organization



5.8 cf MSRP \$1149
DCR165 or DCF165



8.0 cf MSRP \$1249
DCR225 or DCF225



DC Refrigerators and Freezers

Energy Efficient Refrigeration

Save energy and money with SunDanzer® DC refrigerators and freezers. These ultra efficient solar refrigerators and freezers have exceptionally low energy consumption requiring smaller, less expensive PV power systems. SunDanzer cabinets are designed with much thicker insulation than typical appliances which allows them to operate on a modest energy budget, ideal for off-grid solar homes, or in applications where grid electricity is not reliable.

Every SunDanzer is carefully engineered to provide outstanding energy efficiency and high reliability. Low energy consumption is the key that allows SunDanzer refrigerators and freezers to be cost effective in renewable energy systems. This technology allows refrigeration in remote locations where it was previously impractical or unavailable. Since SunDanzer solar refrigerators and freezers operate directly on DC, inverter losses and reliability concerns are eliminated.

SunDanzer's founder served as NASA's technical lead for advanced refrigeration technology and continues to support NASA in refrigeration technology development for applications on Earth and beyond.

| Model Number | Product Description | Energy Use, 70°F | Energy Use, 90°F | Ext Dim W x H x D | Array Size | MSRP |
|--------------|---------------------|------------------|------------------|-------------------|------------|------|
| DCR50 | 1.8 cf Refrigerator | 55 Whrs | 113Whrs | 26.5 x 30.5 x 23 | 45 W | 699 |
| DCF50 | 1.8 cf. Freezer | 136 Whrs | 280 Whrs | 26.5 x 30.5 x 23 | 110 W | 699 |
| DCR165 | 5.8 cf Refrigerator | 77 Whrs | 168 Whrs | 37 x 34.5 x 26 | 70 W | 1149 |
| DCF165 | 5.8 cf Freezer | 272Whrs | 441Whrs | 37 x 34.5 x 26 | 175 W | 1149 |
| DCR225 | 8.0 cf Refrigerator | 90 Whrs | 198 Whrs | 47 x 34.5 x 26 | 80 W | 1249 |
| DCF225 | 8.0 cf Freezer | 360 Whrs | 532 Whrs | 47 x 34.5 x 26 | 215 W | 1249 |

*Standard Test Conditions: No door openings, refrigerator 38°F, freezer +10°F.
 Array size is a general guideline for typical use in most locations.

Applications:

- Remote homes
- Eco-Resorts
- Remote Stores
- Beverage Vending
- Vaccine Storage
- Villages
- Ice Making
- Cabins
- Medical Clinics
- Farms
- Boats and Marine
- Traveling Vendors
- Missionaries
- Micro-enterprises

**AVAILABLE
 SUMMER
 2010!**



14.1 cf Combination Refrigerator and Freezer