

DC REFRIGERATORS AND FREEZERS



DC Refrigerators and Freezers

| | | | |
|-----------------|-----------------------|---------------------------|---------------|
| 900-050R | Fridge DCR50 | 1.8 ft³ | \$699 |
| 900-050F | Freezer DCF50 | 1.8 ft³ | \$699 |
| 900-165R | Fridge DCR165 | 5.8 ft³ | \$1149 |
| 900-225R | Fridge DCR225R | 8.1ft³ | \$1249 |
| 900-165F | Freezer DCF165 | 5.8 ft³ | \$1149 |
| 900-225F | Freezer DCF225 | 8.1ft³ | \$1249 |

SunDanzer makes highly efficient DC refrigerators and freezers that have exceptionally low energy consumption requiring smaller, less expensive power systems.

High quality construction provides excellent reliability and long life. Super-insulated cabinets feature 4 1/3" of polyurethane insulation with powder-coated galvanized steel exterior and aluminum interior. A zero maintenance, brushless, thermostatically controlled DC compressor operates on 12 or 24 VDC. The unit automatically senses and operates on the supplied voltage. A patented low-frost system reduces frost and moisture build-up for low maintenance. These chest-style refrigerators and freezers are easy to clean using the drain hole at the bottom of the unit.

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

SunDanzers are shipped freight pre-paid to a business from El Paso, TX (about \$150-\$200 to New England). If you want home delivery add \$25 to \$35 to the freight cost. Delivery usually takes about a week to 10 days from time of order. Sundanzers are almost always in stock, but if you have a critical delivery time call well in advance of desired delivery date especially in the Spring.



DCR or DCF50

| Physical and Electrical Specifications | | | | | | |
|--|---------------------------|---------------------|-----------------------------|---------------------|-----------------------------|-------------------|
| Model: | DCR50 Refrigerator | DCF50 Freezer | DCR165 Refrigerator | DCF165 Freezer | DCR225 Refrigerator | DCF225 Freezer |
| Capacity: | 1.8 ft ³ | 1.8 ft ³ | 5.8 ft ³ | 5.8 ft ³ | 8 ft ³ | 8 ft ³ |
| Input Voltage: | 10 VDC to 31 VDC | | | | | |
| Power (typical-max) | --- | --- | 40 watts - 80 watts | | | |
| Fuse: | | | 15 amp | | | |
| 12V | --- | --- | 7.5 amp | | | |
| 24V | --- | --- | | | | |
| Ambient Temp. Range: | | | 10° to 109° F | | | |
| Refrig. Temp. Range: | | | 30° to 48°F | | | |
| Freezer Temp. Range: | | | 0° to 23°F | | | |
| Dimensions: | 26.5" w x 23" d x 30.5" h | | 36.8" w x 26.2" d x 34.5" h | | 46.9" w x 26.2" d x 34.5" h | |
| Weight: | 75 lbs | | 120 lbs | | 140 lbs | |



DCR or DCF 225

Features:

- 12 or 24 VDC with low voltage disconnect for battery protection (120 VAC power supply available)
- Automatic voltage selection
- Environmentally friendly CFC-free refrigerant (R-134a)
- Rugged scratch resistant galvanized steel exterior
- Easy to clean aluminum interior
- Patented low-frost system
- Automatic control with adjustable thermostat
- Baskets for food organization

| Daily Energy Consumption (No door openings, refrigerator 38°F, freezer +10°F) | | | |
|--|--------------|--------------|--------------|
| Ambient temperature | 70°F | 90°F | 110°F |
| Refrigerator DCR50 | | 114 watt-hrs | |
| Freezer DCF50 | | 280 watt-hrs | |
| Refrigerator DCR165 | 77 watt-hrs | 168 watt-hrs | 348 watt-hrs |
| Refrigerator DCR225 | 90 watt-hrs | 198 watt-hrs | 393 watt-hrs |
| Freezer DCF165 | 272 watt-hrs | 441 watt-hrs | 766 watt-hrs |
| Freezer DCF225 | 360 watt-hrs | 532 watt-hrs | 817 watt-hrs |

