

# DC REFRIGERATORS AND FREEZERS



## DC Refrigerators and Freezers

<b>900-050R</b>	<b>Fridge DCR50</b>	<b>1.8 ft<sup>3</sup></b>	<b>\$699</b>
<b>900-050F</b>	<b>Freezer DCF50</b>	<b>1.8 ft<sup>3</sup></b>	<b>\$699</b>
<b>900-165R</b>	<b>Fridge DCR165</b>	<b>5.8 ft<sup>3</sup></b>	<b>\$1149</b>
<b>900-225R</b>	<b>Fridge DCR225R</b>	<b>8.1ft<sup>3</sup></b>	<b>\$1249</b>
<b>900-165F</b>	<b>Freezer DCF165</b>	<b>5.8 ft<sup>3</sup></b>	<b>\$1149</b>
<b>900-225F</b>	<b>Freezer DCF225</b>	<b>8.1ft<sup>3</sup></b>	<b>\$1249</b>

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 <sup>3</sup>	1.8 ft <sup>3</sup>	5.8 ft <sup>3</sup>	5.8 ft <sup>3</sup>	8 ft <sup>3</sup>	8 ft <sup>3</sup>
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

