

Sun Frost

Refrigerators and Freezers

Sun Frost refrigerators are the most energy-efficient upright refrigerators available. They keep food fresher longer by maintaining high humidity, which prevents freezer burn and wilting caused by water loss in food. Defrosting is seldom needed: frost buildup is extremely slow because water vapor in the refrigerator section from moist room air or food is not transformed into ice. When defrosting is needed, usually once or twice a year, just transfer frozen food to the refrigerator section and turn it off for 30 minutes. Ice quickly falls off the smooth flat surfaces in large pieces.

The Sun Frost refrigerator comes finished on the outside with white laminate, but it can be ordered in natural wood or any of over 100 colors or shades of Formica or Nevamar to match kitchen decor. The spacious, well-lit interior, made from sturdy fiberglass reinforced plastic, is easy to clean. There are no exposed ducts, tubing or hard to reach corners. All of the shelves are adjustable.

The Sun Frost refrigerator should provide well over 15 years of trouble-free operation. The only moving part is a hermetically sealed compressor. The brushless motor used in the DC models eliminates periodic servicing.

Low-voltage DC models: Energy use listed in the table below is for 12 VDC. On 24 VDC systems the same amount of energy is used (half as many amp-hours per day).

When ordering, please specify whether you want the hinge on the left or right. If a color is not specified, the Sun Frost comes in white Formica. (For a different color or a natural wood veneer, add \$150.) Sun Frost refrigerators are also available without a finish, with unfinished birch plywood, ready for custom covering by your cabinetmaker. Prices include crating charge. Sun Frost refrigerators are shipped by truck freight. All Sun Frost refrigerators are custom made so delivery times will vary. Call for exact lead time. 2-year warranty.



Model	12/24 VDC models	Ah/day @ 12V		Inside volume cu ft.		Dimensions H" x W" x D"	Weight lbs	Item code	Price
		at 70 F	at 90 F	Refrig	Freezer				
RF19	19 cu ft. 1/2 refrig - 1/2 freezer	62	82	8.07	8.07	66 x 34.5 x 27.5	320	080-02330	\$3,160
R19	19 cu ft. refrigerator only	28	46	16.1	-	66 x 34.5 x 27.5	310	080-02322	\$2,909
F19	19 cu ft. freezer only	100	130	-	16.1	66 x 34.5 x 27.5	320	080-02314	\$3,190
RF16	16 cu ft. refrig / freezer	42	58	10.4	3.91	62 x 34.5 x 27.5	300	080-02328	\$3,015
RF12	12 cu ft. refrig / freezer	24	43	8.07	2.05	49 x 34.5 x 27.5	230	080-02326	\$2,254
R10	10 cu ft. refrig / freezer	15	25	9.13	-	43.5 x 34.5 x 27.5	215	080-02320	\$1,740
F10	10 cu ft. freezer only	55	70	-	9.13	43.5 x 34.5 x 27.5	215	080-02312	\$1,745
RF4	4 cu ft. refrig / freezer	13	19	3.16	0.68	31.5 x 34.5 x 27.5	160	080-02332	\$1,530
R4	4 cu ft. refrigerator only	9	13	9.91	-	31.5 x 34.5 x 27.5	160	080-02324	\$1,575
F4	4 cu ft. freezer only	28	36	-	3.91	31.5 x 34.5 x 27.5	160	080-02316	\$1,530
Model	120 VAC models	Kilowatt hours per day @ 120 VAC		Refrig	Freezer	Dimensions H" x W" x D"	Weight lbs	Item code	Price
RF19A	19 cu ft. 1/2 refrig, 1/2 freezer	0.77	1.0	8.07	8.07	66 x 34.5 x 27.5	310	080-02427	\$3,015
R19A	19 cu ft. refrigerator only	0.35	0.58	16.1	-	66 x 34.5 x 27.5	310	080-02419	\$2,775
F19A	19 cu ft. freezer only	1.25	1.63	-	16.1	66 x 34.5 x 27.5	310	080-02413	\$3,068
RF16A	16 cu ft. refrig / freezer	0.49	0.79	10.4	3.91	62 x 34.5 x 27.5	300	080-02425	\$2,867
RF12A	12 cu ft. refrig / freezer	0.3	0.53	8.07	2.05	49 x 34.5 x 27.5	230	080-02423	\$2,129

Options

Color finish instead of white - add:		080-02560	\$150	
Wood veneer finish - add:		080-02562	\$150	
Storage cabinet 24" high w/2 drawers goes under RF12 - white	24 X 34 x 27.5	110	080-02550	\$390
Storage cabinet 13" high w/2 drawers goes under RF16 - white	13 X 34 x 27.5	60	080-02544	\$427
Stand 4" high goes under RF19 - white	4 X 34 x 27.5	25	080-02556	\$99

Vaccine Refrigerator



World Health Organization tested and approved. For the past 12 years Sun Frost refrigerators/freezers have been used in more than 50 countries and have an excellent track record. Sun Frost units are very ruggedly constructed and will provide many years of reliable operation, even in the harshest environments. The Sun Frost RFVB provides a means of storing vaccines and medical supplies without the use of fossil fuels. Not only is the need for a fuel supply eliminated, but the unit operates more reliably than kerosene powered refrigerators. The RFVB can freeze 2.2 kg of ice per day, but will use approximately 50% more power than the figures in the table below. The evaporator in the RFVB is protected by a fiberglass liner and cannot be punctured while defrosting, a common problem in many manual defrost refrigerators. Also contributing to the longevity of the cooling system is the compressor's low percentage of run time, only 19% in a 32° C (90° F) room. The RFVB is the most efficient vaccine refrigerator available. The cost of a solar power system is typically more than the cost of the refrigerator, so efficiency is of prime importance in reducing system costs. 2-year limited warranty. Call for system design help.

Sun Frost model	12/24 VDC models	Ah/day @ 12V		Inside volume cu ft.		Dimensions H" x W" x D"	Weight lbs	Item code	Price
		at 70 F	at 90 F	Refrigerator	Freezer				
RFVB	4 cu ft. vaccine refrig/freezer	13	18	1.8	1.2	31.5 x 34.5 x 27.5	160	080-02503	\$1,870

SunDanzer

12V and 24V Refrigerators and Freezers

Save on system costs with SunDanzer battery-powered solar refrigerators and freezers. These highly efficient units with exceptionally low energy consumption require a smaller photovoltaic (PV) system for your refrigeration needs. SunDanzer units feature 4.33" (110 mm) of polyurethane insulation and coated steel cabinets. The brushless DC motor compressor operates on 12 or 24 VDC. A patented low-frost system reduces frost build-up for low maintenance. SunDanzer chest-style refrigerators and freezers are easy to clean using the drain hole at the bottom of the unit. With thick insulation and a refrigeration system optimized for solar, SunDanzer refrigerators and freezers provide outstanding, economical and reliable operation. SunDanzer cabinets are commercially produced by one of the world's leading appliance manufacturers.

The DCR50 is a new smaller refrigerator.



Model	12/24 VDC models	Ah/day @ 12V			Outside dimensions H" x W" x D"	Weight lbs	Item code	Price
		at 70 F	at 90 F	110 F				
DCR50	50L (1.8 cu ft.) refrigerator	4.6	9.4		26.5 x 30.5 x 23		080-02115	\$599
DCR165	165L (5.8 cu ft.) refrigerator	6.5	14	29	34.5 x 36.8 x 26.2	120	080-02119	\$1,149
DCR225	225L (8 cu ft.) refrigerator	7.5	17	33	34.5 x 46.9 x 26.2	140	080-02123	\$1,249
DCF165	165L (5.8 cu ft.) freezer	23	37	64	34.5 x 36.8 x 26.2	120	080-02117	\$1,149
DCF225	225L (8 cu ft.) freezer	30	44	68	34.5 x 46.9 x 26.2	140	080-02121	\$1,249