



SOLAR POWERED REFRIGERATORS AND FREEZERS

THE SOLAR POWERED REFRIGERATOR / FREEZER RUNS YEAR ROUND ON FREE SOLAR POWER (NO UTILITY BILLS) WITH POWER TO SPARE FOR SEVERAL LIGHTS, CHARGING A LAPTOP OR A CELL PHONE, GREAT FOR NIGHT TIME OPERATION IN PORTABLE APPLICATIONS AND A BENEFIT DURING A POWER OUTAGE. HOWEVER, THE TOTAL INVESTMENT IS LESS THAN THE COST OF THE SOLAR PANELS NEEDED TO POWER A CONVENTIONAL REFRIGERATOR OR FREEZER.

A COMPLETE SYSTEM INCLUDES REFRIGERATOR OR FREEZER AND COMPLETE SOLAR POWER SUPPLY.

FEATURES

CHEST STYLE REFRIGERATORS AND FREEZERS

These high efficiency refrigerators and freezers, optimized for solar, have exceptionally low energy consumption requiring smaller, less expensive solar power systems. High quality construction provides excellent reliability and long life. Super-insulated cabinets feature 4.5in. 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. 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.



UPRIGHT COMBINATION REFRIGERATOR & FREEZER

Reversible door and handle
Dairy compartment and vegetable crisper
Adjustable legs for leveling
Scratch resistant top doubles as work surface
Two adjustable safety glass shelves
Internal control thermostat and temperature gauge
Environmentally friendly CFC-free refrigerant (R-134a)



THE SOLAR POWER SUPPLY INCLUDES:

- Solar panel with mounting bracket. Installation location is flexible and is dependent on site specifics, call for information
- Deep cycle, sealed, maintenance-free battery
- Lightweight battery enclosure suitable for indoor/outdoor use
- High performance solar charge controller and load regulator with meter
- On/off switch, over current protection and other Misc. hardware as needed



OPTIONS:

- 120VAC output
- Lighting package
- Wheels for portable applications
- Custom configuration per customer request

SPECIFICATIONS

CHEST STYLE TEMP. RANGE

REFRIGERATOR: ADJUSTABLE 30° to 48°F

FREEZER: ADJUSTABLE 0° to 23°F

EXTERIOR DIMENSIONS AND WEIGHT

CHEST STYLE REFRIGERATOR OR DEEP FREEZER

8CUFT. (W x D x H): 46.9 x 26.2 x 34.5 inches / 119 x 66.5 x 87.6 cm

Shipping Weight: 145 lb. / 66 kg.

5.8CUFT. (W x D x H): 36.8 x 26.2 x 34.5 inches / 93.5 x 66.5 x 87.6 cm

Shipping Weight: 125 lb. / 57 kg.

UPRIGHT COMBINATION REFRIGERATOR FREEZER

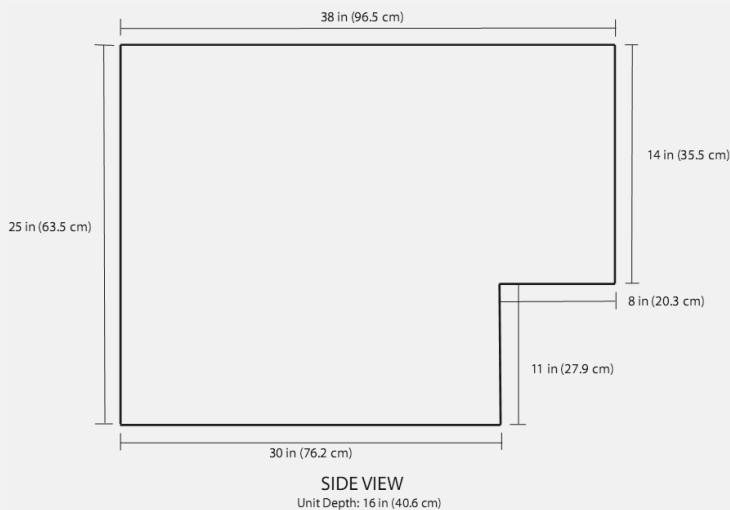
(W x D x H): 23.5 x 26 x 33 inches / 59.7 x 66 x 83.8 cm

Shipping Weight 75 lb / 34 kg

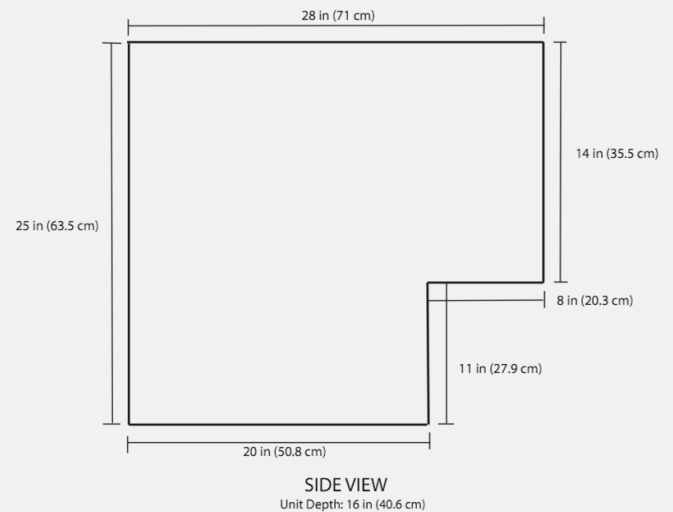
4.7CUFT. CAPACITY: Refrigerator: 4 cuft. / 115 L Freezer: .7 cuft. / 19 L

INTERIOR DIMENSIONS

8 Cu. Ft., side view



5.88 Cu. Ft., side view



*Image not to scale

SOLAR PANEL DIMENSIONS

Size depends on application, ambient temperature and usage pattern, for example:

2' x 4' for a home refrigerator to 6' x 6' for a commercial freezer