

## FR165, FR225 DC Refrigerator/Freezer

- Runs on a single 75W module in most climates
- 12 or 24 VDC with low voltage disconnect
- Environmentally friendly CFC- free refrigerant (R-134a)
- Rugged scratch resistant galvanized steel exterior
- Easy to clean Aluminium interior
- Lockable lid with interior light
- Patented low-frost system
- Automatic control with adjustable thermostat
- Energy Efficient Refrigeration



FR

Save on costs with DC refrigerators and freezers. These ultra high efficiency refrigerators and freezers have exceptionally low energy consumption requiring smaller, less expensive power systems and low operating expense.

High quality construction provides excellent reliability and long life. Super-insulated cabinets feature over 11 cm of polyurethane insulation with powdered-coated galvanized steel exterior and aluminium interior. A zero maintenance, brushless, thermostatically controlled DC motor-compressor. 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.

With thick insulation and a refrigeration system optimized for solar, this refrigerators and freezers provide outstanding economical and reliable operation.

**Phocos AG, Germany**  
info@phocos.com

**Phocos Europe GmbH, Austria**  
info-europe@phocos.com

**Phocos Eastern Europe S.R.L., Romania**  
info-easterneurope@phocos.com

**Phocos China Ltd., China**  
info-china@phocos.com

**Phocos India Solar Pvt. Ltd., India**  
info-india@phocos.com

**Phocos SEA Pte Ltd, Singapore**  
info-sea@phocos.com

**Phocos Latin America S.R.L, Bolivia**  
info-latinamerica@phocos.com

**Phocos Rep. Office Brazil, Brazil**  
info-brazil@phocos.com

**Phocos Rep. Office Eastern Africa, Kenya**  
info-easternafrica@phocos.com

**Phocos SunDanzer, USA**  
info-usa@phocos.com

**Plasmatronics Pty Ltd, Australia**  
admin@plasmatronics.com.au

	FR165	FR225	FR165	FR225
Input Voltage	12 / 24 V DC	12 / 24 V DC		
Ambient Temp. Range	-10 to +43 °C	-10 to +43 °C		
Power (typ./ max.)	40 / 80 W	40 / 80 W		
Recommended Fuse Size	15 / 7,5 A (12/24V)	15 / 7,5 A (12/24V)		
Energy Required at 21 °C Refrigerator / Freezer	96 / 300 Wh/d	120 / 480 Wh/d	30 pcs/20 ft Container	24 pcs/20 ft Container
Energy Required at 32 °C Refrigerator / Freezer	168 / 444 Wh/d	204 / 540 Wh/d	66 pcs/40 ft Container	54 pcs/40 ft Container
Capacity	165 L	225 L		
Shipping Dim. (W x H x D)	102 x 76 x 94 cm	127 x 76 x 94 cm		
Shipping Weight	51 kg	59 kg		