

# Fridge/Freezer FR170, FR240 (170/240 l)

Reliable solution for solar home systems (SHS), small shops, or drugstores



- Very low energy requirement
- 12 V or 24 V DC operating voltage featuring low voltage shutoff
- Eco-friendly cooling agent (R-134a)
- Mechanical thermostat
- Easy-to-clean aluminum lining
- Lockable lid
- Interior light (optional)
- High temperature resistant
- Adjustable interior temperature
- Highly efficient cooling

Phocos offers a fridge/freezer unit with 170/240 l capacities. Due to their energy-efficient cooling concept, Phocos fridges are especially suited for solar-powered applications. The top-quality craftsmanship guarantees a long useful life. A 12-cm-thick insulation layer made of polyurethane ensures

minimal thermal losses. The refrigeration system is equipped with a maintenance-free, brushless DC compressor. The patented low-frost system reduces the formation of condensation water and ice. A drainage opening at the base simplifies the interior cleaning.

Type	FR170MP	FR240MP
Operating voltage	12/24 V DC (nominal)	
Temperature range	-16 to +6 °C	
Ambient temperature	10 to 43 °C*	
PV panel size (typ./max.)	80/160 W	100/200 W
Energy consumption at 21°C ambient temp.	97 Wh/day (fridge), 296 Wh/day (freezer)	104 Wh/day (fridge), 398 Wh/day (freezer)
Energy consumption at 32°C ambient temp.	166 Wh/day (fridge), 440 Wh/day (freezer)	218 Wh/day (fridge), 552 Wh/day (freezer)
Capacity	170 l	240 l
Refrigerant	R-134a	
Dimensions of cabinet (H x W x D)	755 x 914 x 680 mm	850 x 1145 x 690 mm
Inner dimensions (H x W x D)	671 x 670 x 436 mm	671 x 900 x 440 mm
Door type	Top opening	
Color	White	
Wheels	Optional	
Weight	ca. 50 kg	ca. 57.5 kg

\* In order to meet specifications, it is recommendable to keep the fridge/freezer at maximum 32°C ambient temperature.