

Complete stand-alone, PQS approved solar vaccine refrigerator system

Newly revised to provide increased vaccine capacity, the British made Dulas VC150-2 exceeds all current WHO solar refrigerator test standards

Main features and benefits include:

- Separate compressor for refrigerator and freezer compartments
- The dedicated freezer provides icepacks for immunisation outreach
- Energy efficient top opening design
- Independent freezer switch enables defrosting or energy saving
- Electronic temperature control and high / low alarms
- Maximum and minimum temperature recording
- Dedicated technical support and aftercare
- Quickly pays for itself in reduced wastage and fuel costs
- Comprehensive training and advice on use and maintenance available
- Operates reliably worldwide using well proven solar sizing methodology
- High capacity European batteries provide 5 day holdover in the event of low sunshine levels
- Greatest vaccine storage capacity of all solar powered **PQS approved** combined refrigerators and freezers
- New improved, super strong hinges tested to 60,000 lid openings at 43°C
- CFC free insulation and refrigerant
- Robust, powder-coated steel cabinet



Dulas solar refrigerators have been providing remote cold chain refrigeration for over three decades. With proven and reliable battery-backed solar technology, our refrigerators have been developed for optimal energy consumption in hot climates.



VC150-2 Specifications

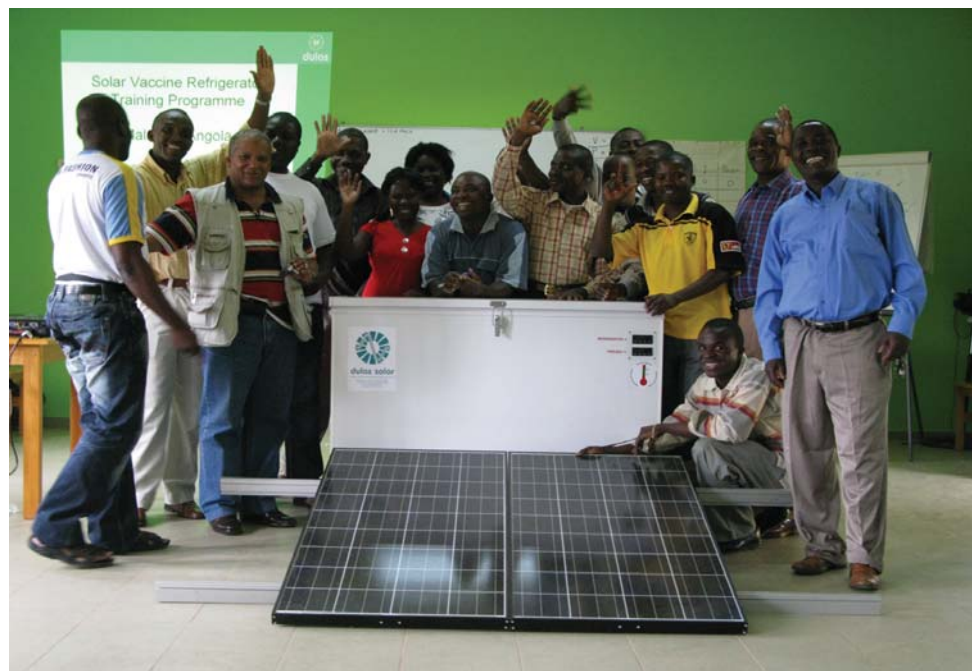
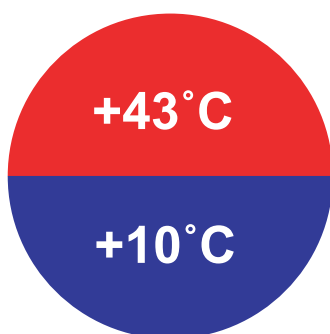


Performance at +43°C	
External cabinet dimensions: (H x L x D) 92.9 x 128.5 x 78.1 cm	
Refrigerator capacities	Freezer capacities
Vaccine storage capacity: 86 L Gross volume: 111.2 L Holdover time: 3 hours 22 min Energy consumption, stable running (kWh/24 hours): 0.68 kWh/24h	Gross volume: 33.1 L Waterpack freezing capacity: 2.4kg/24h Waterpack storage capacity: 26 x 0.6 L Energy consumption during freezing: 1.06kWh/24h
Comments	
Energy consumption at +32°C = 0.38 kWh/24h Energy consumption at +27°C = 0.27 kWh/24h Appliance supplied as a kit including solar panels, batteries, charge controller and accessories Price may vary upon location	
Supplied with: Locking door, external temperature indicator, air circulation basket, instruction manuals	

Energy sources:

12/24 V dc

Approved ambient temperature range:



The Dulas Solar International team provide high quality solar solutions where there is an unreliable or non-existent grid network. Since 1982, Dulas has supplied solar power systems throughout the world for healthcare, water supply, telecommunications, humanitarian development, education, commerce and communities. Our products and services include solar vaccine refrigerators and freezers (approved to WHO PQS standards), training and technical advice on the use and maintenance of refrigerator systems, solar water pumping and bespoke solar generating systems for remote locations.

To find out more about Dulas International, please contact us on +44(0)1654 705000 or email solar@dulas.org.uk. Go to www.dulas.org.uk for a complete list of our inspiring renewable energy solutions.