

## PRODUCT OVERVIEW

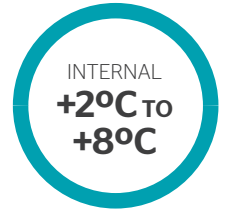
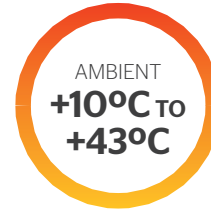
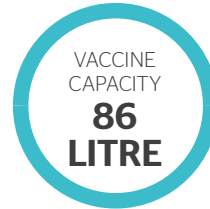
# VC150-2

**Complete PQS pre-qualified solar-powered, combined vaccine refrigerator and water pack freezer.**

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

### Features & Benefits

- 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 pre-qualified combined refrigerators and freezers
- CFC-free insulation and refrigerant
- Robust, powder-coated steel cabinet
- British made.



\*Product and application images for illustration purpose only.

# VC150-2 Technical Specifications

## Refrigerator Capacity

Net vaccine storage capacity	86 litre
Gross volume	111.2 litre
Climate zone	+43°C
Minimum rated ambient temperature	+10°C
Holdover time	3h 22m at +43°C
Energy consumption, stable running	0.68 kWh/24h

## Freezer Capacity

Waterpack freezing capacity	2.4kg/24h
Waterpack storage capacity	26 x 0.6 litre
Gross volume	33.1 litre
Energy consumption, during freezing	1.06 kWh/24h

## Dimensions

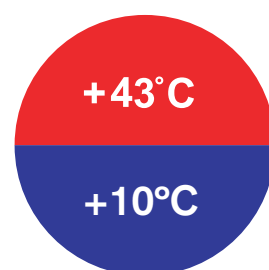
External: H x W x D	929 x 1285 x 781 mm
Shipping weight	111 kg
Shipping volume	1.075 m <sup>3</sup>

## Technical Details

Energy consumption at +32°C	0.38 kWh/24h
Energy consumption at +27°C	0.27 kWh/24h

## WHO Pre-qualification

Test procedure	E003/RFO4-VP.2
Performance specification	E003/RFO4.2
PQS reference	E003/O27



### Experts in Solar innovation

The Dulas Solar International team provide high quality solar solutions where there is an unreliable or nonexistent 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 (certified 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.