

PRODUCT OVERVIEW

VC225ILR

The largest Hot Zone rated large capacity next generation 'ice lined' vaccine refrigerator.

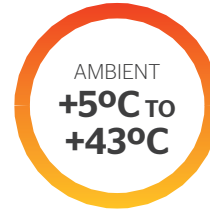
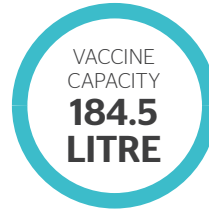
A bespoke design for use in the cold chain - the result of over 30 years experience gained in supplying refrigerators to the most remote corners of the earth.

Features & Benefits

- 184.5 litre vaccine storage capacity
- +5°C to +43°C extended operating temperature range
- Works with only 6 hours of electricity each day
- 94 hours holdover at +43°C
- Corrosion tested to DIN 8985
- In-built handle with lock
- In-built solar powered temperature display
- All-metal, high strength hinges
- Heavy duty castors to make handling easier
- User-independent Grade A freeze protection
- Environmentally friendly: R600a refrigerant with low global warming potential and innovative insulation technology, giving exceptional energy efficiency
- Packaging tested to industry standards
- Tested to survive ambient storage temperatures up to +70°C
- British made
- CFC-free
- Replacable lid gasket

OPTIONAL

- Stacking baskets for easy-access stock management



VC225ILR Technical Specifications

Performance

Net vaccine storage capacity	184.5 litre
Climate zone	Hot zone (+43°C)
Minimum rated ambient temperature	+5°C
Holdover time	94 hours at +43°C
Hours of electricity required to operate	> 6 hours per 24hrs

Dimensions

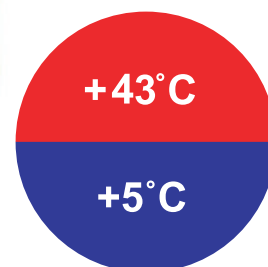
External: H x W x D	986 x 1287 x 780 mm
Shipping weight	129 kg
Gross volume	203.2 litre

Technical Details

Nominal voltage	230V
Operating voltage range	160 to 300V
Nominal frequency	50Hz
Operating frequency range	45 to 65Hz
Compressor	Danfoss
Refrigerant	R600a

WHO Pre-qualification

Test procedure	E003/RFO3-VP.2
Performance specification	E003/RFO3.2
PQS reference	E003 / 072



Freeze-Free® is a registered trademark of Dulas Ltd.

What is 'Autonomy' and 'Holdover'?

Autonomy is the amount of time that the refrigerator can maintain the vaccine load within the temperature range of +2°C to +8°C with minimal solar radiation available and at maximum rated ambient temperature.

Holdover is the amount of time that the refrigerator can maintain the vaccine load within the temperature range of +2°C to +10°C without power and at maximum rated ambient temperature.

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.