

# VC225ILR

Large capacity, Hot Zone rated,  
WHO PQS accredited Ice Lined Refrigerator,  
Fully GAVI CCEOP compliant

+2 °C to  
+8 °C  
internal

184 litres  
vaccine capacity

>94 hour  
holdover

Sturdy, lockable handle

High-strength  
metal hinges

PQS accredited  
extended range  
voltage stabiliser



Durable twin gasket seals  
designed for easy  
maintenance

Integrated Beyond ICE3  
with temperature display  
and alarm




Grade A, UIFP Freeze Free  
+5 °C to +43 °C extended  
operating temperature  
range

Heavy-duty castors  
for easy handling

## Features and Benefits:

- ✓ Works with as little as 6 hours of electricity each day
- ✓ Tested to survive ambient storage temperatures of up to +70 °C
- ✓ Climate friendly R600a refrigerant
- ✓ CFC-free
- ✓ Corrosion tested to meet WHO standards
- ✓ Lowest Total Cost of Ownership (TCO)

## Supplied with:

-  Three-year manufacturer's warranty as standard
-  Six stacking baskets for easy stock management
-  Integrated Remote Temperature Monitoring Device (RTMD)

The VC225ILR refrigerator is supplied with a voltage stabiliser to protect it from harmful high or low mains power voltage fluctuations



beyond  
READY

Dulas refrigerators are  
now Beyond ready!

Integrated Beyond  
ICE3 RTMD fitted to  
all Dulas refrigerators  
as standard.

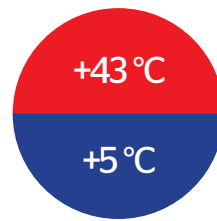


## Temperature Monitoring Device

- ✓ WHO PQS accredited
- ✓ 120-day local data storage accessible via USB port
- ✓ 30-day pdf report available by scanning QR code
- ✓ Remote activation means no installation costs
- ✓ Seamlessly connects to your existing Beyond cold chain management system

Beyond's Remote Temperature Monitoring System (RTMS) provides real-time monitoring and reporting of cold chain assets in one easy to use cloud-based portal.

## VC225ILR Technical specifications



### Performance

Net vaccine storage capacity	184 litres
Gross volume	203 litres
Climate zone	Hot Zone (+43 °C)
Minimum rated ambient temperature	+5 °C
Holdover time†	94 h 02 min at +43 °C
Hours of electricity required to operate	>6 h per 24 h

### Dimensions

External dimensions (H x W x D)	980 mm x 1282 mm x 740 mm
Shipping dimensions (H x W x D)	1180 mm x 1355 mm x 825 mm
Net weight	147 kg
Shipping weight	194 kg

### Technical details

Nominal voltage	230 V a.c (120 V a.c version available)
Operating voltage range	82 to 280 V a.c
Nominal frequency	50 Hz
Operating frequency range	45 to 60Hz
Compressor	Secop (Danfoss)
Refrigerant	R600a

### WHO pre-qualification

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

†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 the maximum rated ambient temperature.

### Dulas. Experts in cold chain technology.

For over 40 years, Dulas has been a pioneer in renewable energy. Our mission is to develop and implement renewable energy solutions that improve lives, help to combat climate change, and support communities in the most remote parts of the world. Renowned for our WHO pre-qualified solar vaccine refrigerators and freezers, we continue to innovate by developing and improving our products and supporting projects in the field by providing in-depth technician and user training.

