

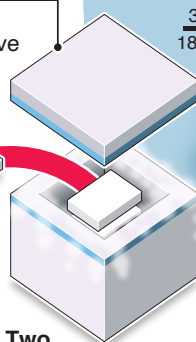
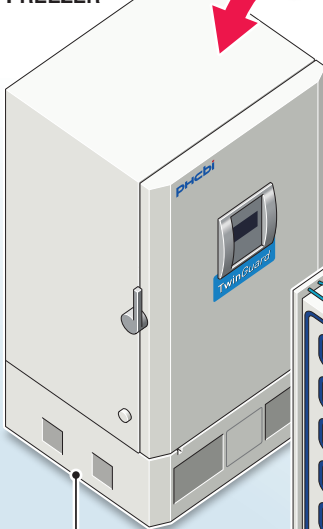
Specialised storage for Covid-19 vaccine

The UK is the first country in the world to roll out a Covid-19 vaccine, but the drug must be kept at -70°C – much lower than the average vaccine

Polystyrene dry ice container:

Trucks carry temperature-sensitive Covid-19 vaccine from Belgium to UK, via Channel Tunnel, in boxes able to hold up to 5,000 doses safely for 10 days

TWINGUARD FREEZER



300km
186 miles

North Sea

Folkestone, UK

FRANCE

Puurs, Belgium
Pfizer/BioNTech
Covid-19 vaccine
production plant

Two
evaporator
circuits

UK has bought
40 million
doses

Vaccine
must be
kept at
 -70°C
(-94°F)

National Health Service:

Hospitals use **Ultra Low Temperature (ULT)** freezers to hold vaccine safely

■ **Dec 8, 2020:** Initial batch of 800,000 doses (enough for 400,000 inoculations at two shots per person) rolls out, prioritising people aged over 80, frontline healthcare workers and care home staff and residents

Independent refrigeration systems:

If one breaks down, another can still maintain essential -70°C temperature