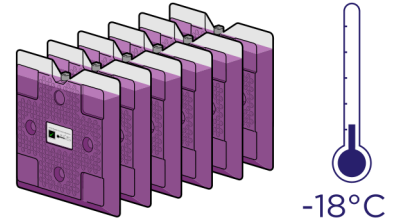


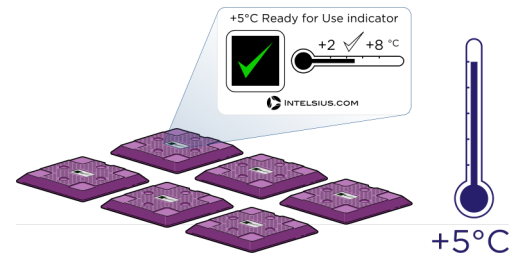
# ORCA 2-8°C Conditioning Guide

## FREEZER TO FRIDGE PREPARATION

1. Place the ORCA Utektiles into a freezer and allow sufficient time for the panels to completely freeze (suggested minimum time of 24hrs at a warmest temperature of  $-18^{\circ}\text{C}$ ). These should be stood upright in the controlled freezer space until completely frozen. Ensure all parts of all Utektiles have been cooled such that the panels are frozen solid throughout. Once suitably frozen the panels can be held in the freezer space until the ORCA systems are ready to use.



2. Take frozen Utektiles from the freezer space and lay the panels label side up in a refrigerated environment between  $+4^{\circ}\text{C}$  &  $+5^{\circ}\text{C}$ . Ensure they are well spaced with sufficient airflow over the labelled face. The panels require a minimum time of 2 hours in this refrigerated space before they are ready for use. The panels should remain ready for use for a further 8 hours from this time. If the panels are exposed to temperatures above  $+5^{\circ}\text{C}$  for any time during this refrigerated period restart preparation from 1.



3. The Utektile panels define a fixed payload space where temperature control is maintained. Place one panel in the base of the ORCA insulation, with front label facing upwards then arrange four other panels around the vertical walls of the insulation with the labelled faces inwards. The payload can now be inserted into the space defined by these 5 panels. The remaining panel can now be added to the top with the label facing downwards.



4. Close the outer carton lid, secure the fasteners and seal with two strips of packing tape following the tape area marked with dotted lines. The ORCA is now ready to be shipped.

### NOTICE

Do not puncture, scratch or bend the white vacuum insulation panels. This may result in vacuum loss, which will significantly reduce system performance. Each panel should feel rigid, and have a tense surface. If the vacuum has been lost panels will feel soft, flaccid and have a loose fitting surface.

If you believe any panel has been damaged do not use this system and refer to your local SOP or your Intelsius representative for guidance.

**For alternative preparation protocols please contact Intelsius**