

2 Assembly

OMX332 ORCA Connect 23L 15°C to 25°C



Component		Quantity
A _i	Top and Bottom ORCA M 23L Plantol Bottles	2
A _{ii}	Front and Back ORCA M 23L Plantol Bottles	2
A _{iii}	Side ORCA M 23L Plantol Bottles	2
B	Payload	1
C	ORCA Connect 23L Case	1
D _i	Document Case	1
D _{ii}	Logger Housing	1

2.1 Conditioning

- 2.1.1 For use in summer (or any time with mean temperatures above 20°C), the PCM within the bottles should be in a fully solid state when packed to achieve maximum performance. The bottles should be conditioned at 17°C for a minimum of 48 hours and until their temperature is stable, before packing. A decrease in duration of up to 20% is possible if stored at a higher temperature.
- 2.1.2 For use in winter (or any time with mean temperatures below 20°C), the PCM within the bottles should be in a fully liquid state when packed to achieve maximum performance. The bottles should then be conditioned at 23°C for a minimum of 48 hours and until their temperature is stable, before packing. A decrease in duration of up to 20% is possible if stored at a lower temperature.

2.2 Packing Instructions

- 2.2.1 Pack the ORCA Connect 23L system with the front of the case closest to you. Make sure the chosen logger is added to the logger housing (Dii) and any documentation is placed in the document case (Di) before following the next steps.
- 2.2.2 Place one bottle (A_i) flat in the base of the ORCA Connect 23L case with the long edges facing the front and back of the system.
- 2.2.3 Pack two bottles (A_{ii}) against the front and back of the ORCA Connect 23L case with the shortest edge in contact with the base of the ORCA Connect insulation.
- 2.2.4 Pack a further two bottles (A_{iii}) against the sides of the ORCA Connect 23L case, one on each side, with the longest side of the bottles resting on the bottom bottle.
- 2.2.5 The payload (B) can be placed into the area defined by the bottles. The remaining bottle (A_i) can now be put on top in the same orientation as the bottom bottle. This bottle will be propped up by the two side bottles.
- 2.2.6 The lid can now be closed and secured by taping along the two areas marked with dotted lines and using security seals through the front locking tabs (C).
- 2.2.7 Your ORCA Connect system is now ready to be shipped.