

2 Assembly

ORS222 ORCA Response 2L 15°C to 25°C



Component		Quantity
Ai	ORCA Response Glycoil lid bottle	1
Aii	ORCA Response Glycoil base bottle	1
B	Payload	1
C	ORCA Response Glycoil ring bottle	1
D	ORCA Response 2L Case	1

2.1 Conditioning

- 2.1.1 For use in summer (or any time with mean temperatures above 20°C), the PCM within the ORCA Response PCM bottles should be in a fully solid state when packed to achieve maximum performance. The bottles should be conditioned lying down flat with the concave payload recess facing up towards you at 17°C for a minimum of 48 hours and spaced out to allow good airflow around the bottles and until their temperature is stable before packing. The ring bottle must also be conditioned lying down flat on a face with the tongue and grooves. 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 ORCA Response PCM bottles should be in a fully liquid state when packed to achieve maximum performance. The bottles should then be conditioned lying down flat with the concave payload recess facing up towards you at 23°C for a minimum of 48 hours and spaced out to allow good airflow around the bottles and until their temperature is stable before packing. The ring bottle must also be conditioned lying down flat on a face with the tongue and grooves. 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 Response 2L system with the front of the case (D) closest to you.
- 2.2.2 Place the base bottle (Aii) in the ORCA Response 2L case (D) with the flat side resting on the base of the case, where the bottle orientation is the concave side facing up towards you.
- 2.2.3 Each bottle has an interlocking tongue and groove to enable secure stacking. Ensure to place the bottles on top of each other in the correct orientation when packing such that the tongues are flush inside the grooves.
- 2.2.4 Now place the ring bottle (C) on top of the base bottle (Aii), so that the interlocking tongue and grooves align to ensure the ring bottle and base bottle are flush.
- 2.2.5 The payload (B) can now be placed into the concave area of the bottle.
- 2.2.6 Place the lid bottle (Ai) on top of the base bottle, where the bottle orientation is the concave side facing down away from you and the bottle flat is facing towards you to create the payload space.
- 2.2.7 The lid can now be closed and secured by taping along the two areas marked with dotted lines. Your ORCA Response 2L is now ready to be shipped.