



HEATING BLANKET SYSTEM

POLAR CODE LIFERAFT SOLUTION ↓

Designed to both meet and exceed polar code requirements, our polar code liferaft solution provides the ability to maintain the essential functionality of your liferaft at very low temperatures (down to -60°C) keeping the liferaft and associated equipment always ready for use and ensuring inflation. This is achieved using a heating blanket system which is placed over the liferaft container. This has been tested at -70°C after being kept for 50 hours at -70°C .

Build-up of ice and snow can prove dangerous on board your vessel as it reduces the crafts stability and this then increases the risk of capsizing. Using the heating blanket system provides a superior guard against excess ice and snow build up on the liferaft, allowing for increased protection.

The heating blanket operates through use of a thermostatic control unit which can manage up to five liferafts and accompanying polar code hydrostatic release units (HRU). It is easy to install on new constructions and perfectly adaptable for retrofits.

FEATURES

- FOR USE WHEN OPERATION AT -60°C TESTED TO -70°C
- AVAILABLE FOR USE WITH ANY SURVITEC SOLAS APPROVED LIFERAFT
- AVAILABLE IN TWO CRADLE OPTIONS AND TWO COLOURS (GREY OR WHITE)
- HEATING BLANKET AUTOMATICALLY STOPS OR STARTS AT $+5^{\circ}\text{C}$



“
This has been tested at -70°C after being kept for 50 hours at -70°C .”

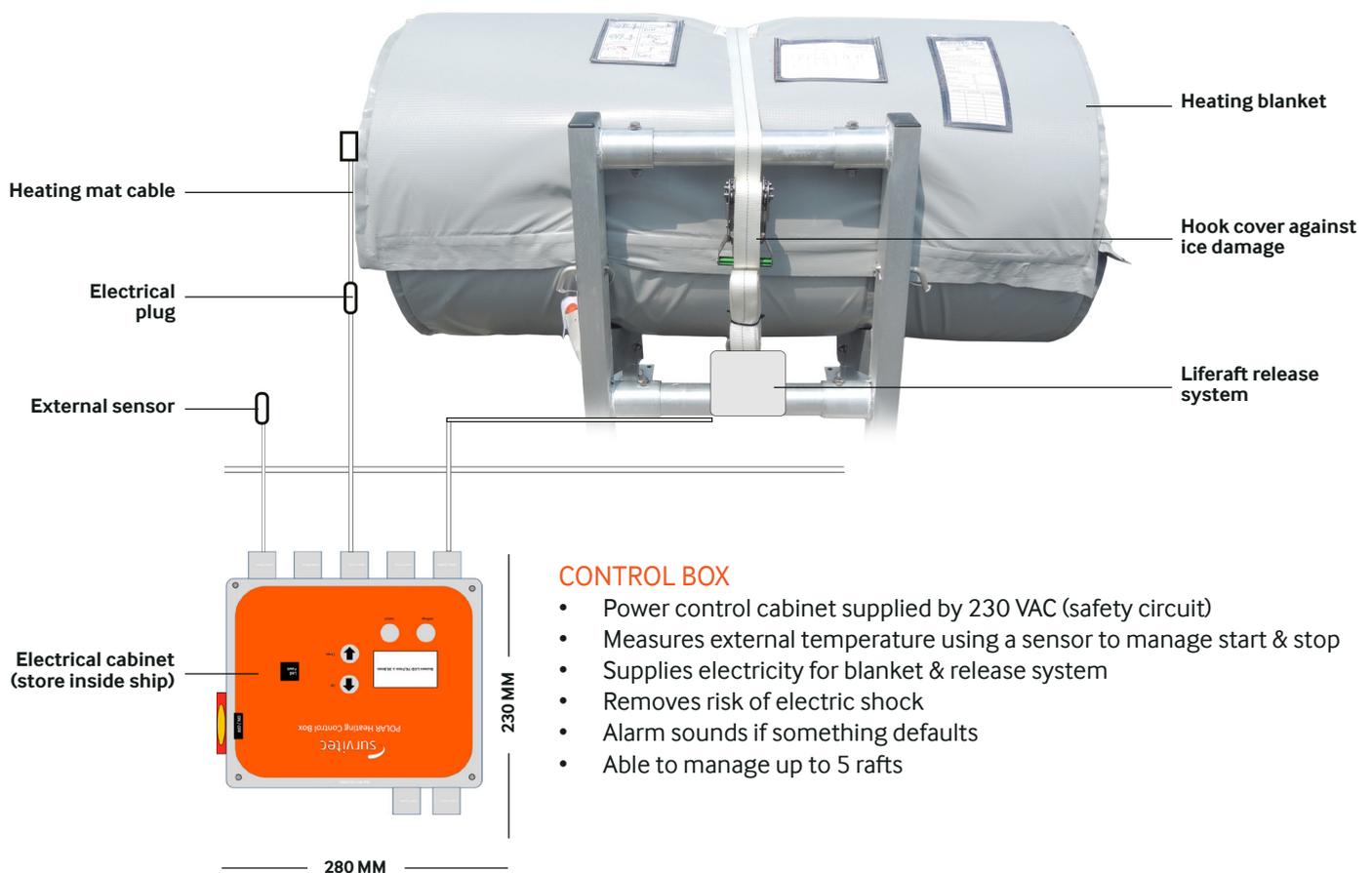
HEATING BLANKET SYSTEM

POLAR CODE LIFERAFT SOLUTION ↓

Designed for use on all Survitec SOLAS approved liferafts for any vessels looking to be compliant with polar code regulation requirements. The heating blanket has the added benefit of being easily removed when vessels are sailing outside of the defined polar code regions to improve blanket longevity, equally they are easy to fit onto your liferaft prior to entry into a polar code regions for quick and efficient use.

As part of our approval process we have also demonstrated the ability to land liferafts over 500kg from a height of 17 metres directly onto ice. This procedure can be achieved without use of a davit or crane, ensuring the crew can use the liferaft as a shelter on ice if needed.

STOWAGE



SPARES AND ACCESSORIES

In addition to the standard equipment included within your liferaft, to meet Polar Code regulations, the additional following equipment, stored in grab bag, is required:

- Batteries to cover a minimum of 5 days of darkness
- Food rations to cover a minimum of 5 days use
- Water rations to cover a minimum of 5 days use
- Mechanical clamps

HEATING BLANKET SYSTEM

POLAR CODE LIFERAFT SOLUTION ↓

CRADLE OPTIONS

The heating blanket system is for use on SOLAS approved cylindrical liferafts and available in the following cradle options:

GALVANIZED STEEL OR
ALUMINIUM METALLIC
DECK CRADLE



SINGLE OR MULTIPLE
TILTING CRADLE



HEATING BLANKET SPECIFICATIONS

- For use when operating at as low as -60°C , tested to -70°C
- Available in grey or white
- 230 VAC - 50 Hz - 32 Ampere
- $800\text{ W} \leq \text{Power} \leq 2500\text{ W}$ (according to container size)
- Starts and stops at $+5^{\circ}\text{C}$

ICE TEST



LIFERAFT INFLATED AFTER BEING
STORED FOR 50HRS AT -70°C



APPROVALS

SOLAS Approved
Meets Polar Code requirements



SETTING THE GLOBAL STANDARD FOR OVER 160 YEARS

Protecting over 1 million lives across the globe every day, our critical safety and survival solutions help marine, aviation, offshore, and defence personnel get home safely if the worst happens.

Taking responsibility for the entire product lifecycle – from precision engineering and R&D, to manufacturing and servicing – we never compromise when it comes to safety and survival. Committed to protecting lives, we know the small things matter.



GET IN TOUCH

Phone +33 (0)5 40 16 19 11

Email survitec.zodiac@survitecgroup.com

www.survitecgroup.com

Route de Chatenet, 17210, Chevanceaux France