



Information for the user

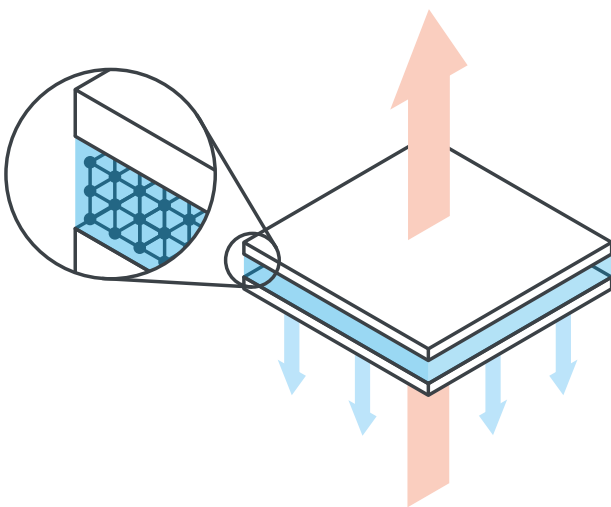
1. What is QRCOOL and for which purposes is QRCOOL used?

QRCOOL is a cooling vest designed for use by medical personnel in hospitals. Working several hours in high ambient temperatures, for example in operating rooms for the treatment of burn patients, is very detrimental to the body. Over time, the heart rate increases, and work performance and concentration decrease. In addition, it can lead to a state of exhaustion and to circulatory problems which can impair health and work performance.

According to regulations regarding warm and high temperatures at the workplace, from 26°C onwards appropriate measures should be taken. For example, the DGUV (Deutsche Gesetzliche Unfallversicherung) recommends the use of cooling vests. With the QRCOOL vest you can fulfill these requirements and improve health, concentration and performance at high temperatures.

2. How does QRCOOL work?

The cooling effect of the QRCOOL vest is based on 3D-COOL technology:

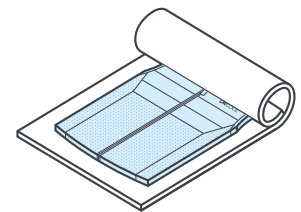
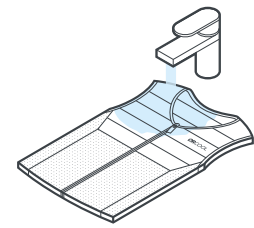


- The surface of the QRCOOL vest consists of a functional material which dries very rapidly.
- The 3D fleece fabric in the inner lining stores water within the fibers. Therefore, physical pressure alone does not lead to a release of the stored water. Your clothes remain dry.
- The water is physically released via evaporation with a cooling effect of up to 660 Watt. This corresponds to a cooling temperature of up to 12°C.
- If the workplace temperature rises, the cooling effect of the QRCOOL vest adapts accordingly

3. How to activate QRCOOL before use?

In general, the QRCOOL vest is ready for use within a few minutes.

- Let water run evenly over the front and back sides of the padded area of the QRCOOL vest until all areas darken. Or immerse the padded area for 1-2 seconds in a sink full of water. Only briefly immerse and immediately remove the vest from the sink.
- Remove the excess water through light pressure. Do not wring! Wrap the QRCOOL vest in a towel, paper towel or similar material and press firmly.
- Briefly air dry. The cooling vest is now ready for use.



4. How to wear the QRCOOL vest?

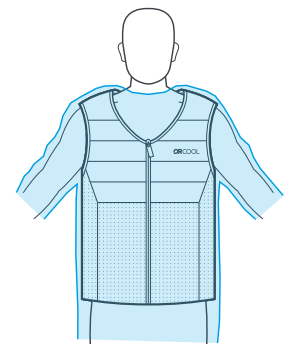
After following the activation instructions, the inner and outer side of the QRCOOL vest is dry.

- Wear the QRCOOL vest on top of your T-Shirt or underwear.
- Put the sterile OR coat or other special clothing on top of the QRCOOL vest.

The „Softcooling“ of the vest feels comfortable and dry to wear. After 20-30 minutes you may have the feeling that the cooling effect has decreased, but this is because the body has adjusted to the temperature. To check the cooling effect, simply take off the cooling vest for 5 minutes and start wearing it again.

Depending of the quantity of water activation, the QRCOOL vest can cool over a period of 6-8 hours. If a longer cooling period is necessary, simply re-activate the vest within 5 minutes.

If the OR clothing offer protection against X-rays, the cooling effect will be reduced.



5. How hygienic is wearing the QRCOOL vest?

The QRCOOL vest reduces the heat stress and its consequences such as perspiration. The QRCOOL vest has a permanent antibacterial coating: the fiber protection against odour formation consists of elementary silver without nano particles. No special precautions or usage measures need to be taken!

6. Can the QRCOOL vest be washed?

QRCOOL is a reusable cooling vest. To guarantee a good cooling effect and long-term use, please strictly follow the attached instructions for washing and care.

The QRCOOL vest can be washed in the washing machine or by hand. A vest that has once been activated with water should not be stored over a longer period in a bag in order to avoid mould stains. The best way to store the QRCOOL vest is on a clothes hanger. The vest can be used on a regular basis over a time period of 6 – 18 months with proper care. The cooling vest, as with any other workplace clothing, will show signs of natural wear.

For laundering, please strictly follow the instructions for washing and care.

QRCOOL – exclusive distribution in hospitals by QRSKIN