

## Dräger Comfort Vest CVP 5220 – cooling clothing for working at high ambient temperatures

Increased performance by up to four hours - without the need for elaborate preparation or logistics: when work gets hot, the Dräger Comfort Vest CVP 5220 is always ready to use as it delivers the cooling action itself. This means: no pre-freezing, no dipping into water, no risk due to dangerous circulating air - and no time loss.



ST-1471-2004

### AUTOMATIC COOLING ABOVE 28°C

The vest's cooling action is derived from 20 individual PCM-elements (Phase Change Material) integrated into the inner lining. Whether performing tasks that are physical enough to cause sweating or working in high temperature surroundings: at a skin temperature of 28°C, the content of the PCM-elements gradually become liquid by absorbing the excessive heat. This reduces skin temperature by approx. 3-4°C. Depending on the level of physical work and the ambient temperature, the cooling benefit for the wearer of the Dräger Comfort Vest can last for up to 4 hours.

### REGENERATES WHEN STORED – WITHIN 4 HOURS AT MOST

At a storage temperature below 22°C, the elements become solid again. After a maximum of 4 hours, the elements are ready to use again - the colder the faster. Extensive preparatory and post-work activities - as with ice vests - are no longer necessary.

### WEARING COMFORT

The arrangement of the PCM-elements provides high freedom of movement thanks to their flexible body fit. The vest can simply be worn underneath protective clothing such as fire brigade clothing or gas-tight chemical protective suits. Broad Velcro fasteners ensure a tight fit.

### ADDITIONAL ADVANTAGES:

- Service life of the PCM-elements: up to three years
- Easy donning thanks to Velcro fasteners
- Vest can be washed after the elements have been removed
- Available in four different sizes (S/M, L/XL, XXL/XXXL, XXXXL/XXXXXL)



D-138073-2010

Dräger Comfort Vest CVP 5220

**TECHNICAL DATA**

Skin temperature difference when using the Dräger Comfort Vest CVP 5220	3 – 4°C
Deployment time	approx. 1.5 – 4 hours
Weight complete, including cooling elements	approx. 2.1 kg
Cooling surface	approx. 0.22 m <sup>2</sup>
Material (vest)	polyester
Material (cooling elements)	salt crystal mixture, packed in polyester / polyamide
Colour	inside: black outside: blue
PCM-elements	20 pieces
Restoration time of cooling elements	at approx. +20°C approx. 4 hours at approx. +8°C approx. 30 minutes
Storage condition	horizontal
Storage temperature:	< 22°C



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**PCM-element****ORDERING INFORMATION**

Dräger Comfort Vest CVP 5220, chest size	84 – 100 cm	S / M	incl. 20 PCM-elements	R 58 762
Dräger Comfort Vest CVP 5220, chest size	100 – 116 cm	L / XL	incl. 20 PCM-elements	R 58 763
Dräger Comfort Vest CVP 5220, chest size	116 – 132 cm	XXL / XXXL	incl. 20 PCM-elements	R 58 764
Dräger Comfort Vest CVP 5220, chest size	132 – 148 cm	XXXXL / XXXXXL	incl. 20 PCM-elements	R 58 761

**Other accessories**

PCM-element	R 45 104
Transportation bag (blue)	R 53 373

**Distributor of Dräger**

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