

Dräger Comfort Vest CVP 5220 Cooling Vest

Increase 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 because 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.



Benefits

Automatic cooling above 82°F

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 82°F, the content of the PCM-elements gradually become liquid by absorbing the excessive heat. This reduces skin temperature by approx. 37-39°F. 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 four hours.

Regenerates when stored – within 4 hours at most

At a storage temperature below 71°F, the elements become solid again. After a maximum of four 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 hook-and-loop fasteners ensure a tight fit.

Additional advantages

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

Accessories

ST-6174-2006



PCM elements

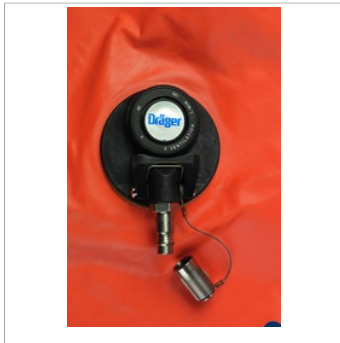
PCM-Elements for the use in the Dräger Comfort Vest CVP 5220
PCM-Element, large

ST-15205-2008



Transport Bag

ST-140-2007



Dräger PT 120 L control valve

Cooling effect on the body and additional breathing air from external sources for operations with gas-tight chemical protection suits

Technical Data

Skin temperature difference when using the Dräger Comfort Vest CVP 5220	5 – 7°F	
Deployment time	approx. 1.5 – 4 hours	
Weight complete, including cooling elements	approx. 4.63 lb	
Cooling surface	approx. 2.37 ft ²	
Material (vest)	polyester	
Material (cooling elements)	salt crystal mixture, packed in polyester / polyamide	
Color	inside:	black
	outside:	blue
PCM-elements	20 pieces	
Restoration time of cooling elements	at approx. 68°F	approx. 4 hours
	at approx. 46°F	approx. 30 minutes
Storage condition	horizontal	
Storage temperature:	< 72°F	

Ordering Information

Dräger Comfort Vest CVP 5220, chest size	33 – 39 in	S / M	incl. 20 PCM-elements	R 58 762
Dräger Comfort Vest CVP 5220, chest size	39 – 46 in	L / XL	incl. 20 PCM-elements	R 58 763
Dräger Comfort Vest CVP 5220, chest size	46 – 52 in	XXL / XXXL	incl. 20 PCM-elements	R 58 764
Dräger Comfort Vest CVP 5220, chest size	52 – 58 in	XXXXL / XXXXXL	incl. 20 PCM-elements	R 58 761
Other accessories				
PCM-element				R 45 104
Transportation bag (blue)				R 53 373

Notes

Notes

Not all products, features, or services are for sale in all countries.
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