

PHOENIX EOD COOLING SUIT

EOD BOMB SUIT COOLING SYSTEM

Overview

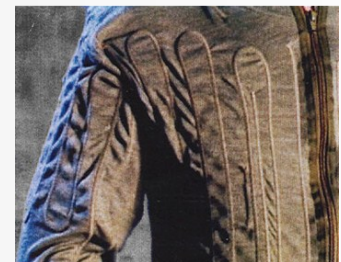
The Phoenix Cooling Suit provides a safe and cool environment for those working in extreme heat and is ideally suited for professionals involved in bomb disposal and surveillance operations, as well as personnel in non air-conditioned armored vehicles. Ideal for use with the Phoenix EOD Bomb Suit and the Phoenix S Search Suit, it is suitable for use under most other bomb-suits and chemical suits. The Phoenix Cooling Suit has been tested for the effects of over-pressure, fragmentation, ballistics, body impact and heat. The cooling system uses ice water to remove body heat and requires no hazardous pressurized canister or toxic cooling agents. Made from machine washable fire-resistant NOMEX®, the suit also offers protection against heat and flash fire balls.

Design & Construction

- Worn next to skin under any clothing
- Cooling unit can attach to bomb suit via Velcro
- Machine washable, fire-resistant NOMEX®; Kermel stretch knit fabric, flame retardant
- One-piece suit with cooling on trunk, arms and legs
- Close fitting open faced hood with cooling for head
- Cooling unit and pouch
- Battery pack
- Two water bottles
- Carrying bag
- Optional second stand-by water/ice bottle

Performance & Operation

- Heat removal rate: 270 watts (full suit)
- Endurance: min. 45 min at 95°F (35°C)
- Cooling unit control: On/Off
- Pump: 12V
- Cold Source: water circulating over ice
- Power Supply: External pack, 4 x 9 Alkaline 'D' cell batteries



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