



Central Shenandoah Emergency Medical Services Council

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Cooler Resources for Induced Hypothermia

Listed in alphabetical order

Alsius IV Fluid Cooler/Warmer - \$399

ALSIUS IV fluid bag warmers and coolers provide a simple, straightforward method of maintaining therapeutically effective saline bag temperatures. Unlike external methods of temperature control, such as cooling/warming blankets or ice packs, ALSIUS enables you to regulate core body temperature internally. With the ALSIUS IV Fluid Cooler/Warmer Unit, therapy is immediately initiated-right in the field.

<http://www.alsius.com/products/ems.html>

Engel DC Refrigerator - \$299

The Engel name is world renown for reliability in 12 Volt refrigeration. The Engel 'swing' compressor is internationally patented and is considered the most reliable compressor on the market today - it only has one moving part! To date, over 3 million units have been sold worldwide.

<http://www.engel-usa.com/>

Grainger Cooler, 12V - \$93

Cooler, 12 Volt, Portable, Capacity 23 Liters/31 Cans, 17.5 H x 12.75 W x 16.5 D", Temp Range 36 Degrees F

<http://www.grainger.com/Grainger/items/2FEU8>

Koolatron P20 Compact 12V Cooler - \$70

The Koolatron P20 Compact 12V Cooler from Koolatron was specially designed to fit in those tight spaces between and behind the seats of your car, van or truck. The 12V Compact Cooler can be plugged into any vehicle cigarette lighter providing 12 Volts DC, or converted to operate on 110V or 220V AC with an AC Adapter. Koolatron P20 Compact Cooler can be set to keep your food up to 40°F colder than the outside temperature.

http://www.walmart.com/catalog/product.do?product_id=9607022

Medi-Fridge SafeTemp 4L - \$100

NOTE: An agency in the region has reported two 1,000 mL bags of saline will not fit in this refrigerator.

Precision Thermo-Electric Mini-Fridge designed for hospitals and emergency vehicles. Includes a Digital Thermostat & Controller with LED temperature display. Cools up to 45 degrees F BELOW the ambient temperature; factory preset thermostat will stop cooling at 36 degrees F to prevent freezing. Exterior Dimension: 7.88" L x 11.2" W(D) x 11" H ; Interior Dimension: 5.5" L x 5.4" W (D) x 8.43" H Optional locking mechanism with keyset or optional transit mounting system available.

<http://www.medi-fridge.com/detail.aspx?ID=26>

Thomas EMS Chillcore™ Case - \$799

The CHILLCORE™ Case enables therapeutic hypothermic induction to begin immediately ON-SCENE. The CHILLCORE™ Case keeps IV solutions at desired temperature (as low as 20° F) even in periods of extreme heat. * The CHILLCORE™ Case will comfortably store up to 4 liters of IV solution (or 3 liters when stored with the red Thomas EMS RSI Drug case).

<http://www.thomasems.com/chillcore.html>

JEMS Article on induced hypothermia in Pittsburgh

http://www.jems.com/resources/supplements/eagles2009/cooling_in_pittsburgh.html