



Chemically Hardened Expeditionary Medical Facilities (CH EMF)

CH EMF

Description

Containerized collective protection equipment that provides the U.S. Navy's Expeditionary Medical Facility (EMF) the capability to sustain medical operations in chemical, biological, and radiological (CBR) environments. Integrates environmentally controlled collective protection elements into the Tent Extendable Modular Personnel (TEMPER) design. Two CH EMF systems are currently being procured.

Major Components:

M28 Collective Protection Equipment: modular chemical/biological protective liner sections, Fan Filtration Assembly FFA400-326 with M98 filter set, recirculation filters, Bump-Thru-Door Airlock, power, CBR protected water system, low pressure alarms, and CBR protected lavatory/latrine facilities for patients and staff.

Mission

Provide collective protection to the core components of the EMF allowing medical operations in CBR threat environments without use of Mission Oriented Protective Posture (MOPP) gear.

Capabilities

- Allows sustained hospital operation in CBR environment for a 72-hour period
- Can be re-supplied
- Capable of handling surge of CBR casualties
- Collectively protects the water supply
- Supports 50 bed and 150 bed EMFs

Users

US Navy

Status

Production and Deployment

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