



M59 Gas Particulate Filter Unit

M59 GPFU

Description

Provides filtered air under pressure to field shelters, vans and vehicles allowing unencumbered personnel operations in a CBR contaminated environment. The M59 GPFU consists of a filter housing with inlet tee that contains the main fan and two M98 gas particulate filter sets, compartment control module, airflow valve and power distribution unit. Pressure-sensing components in the control module automatically adjust the airflow valve to maintain a positive pressure within the vehicle, van or shelter.

Mission

Provides up to 400 cubic feet per minute (CFM) of CBR filtered air under pressure to an application to allow creation of a positive pressure environment thus allowing unencumbered personnel operations in a CBR contaminated environment. Currently used on the shelters for the Patriot Missile Fire Control System.

Capabilities

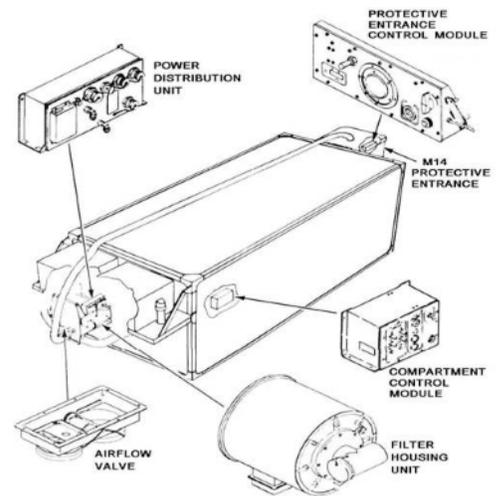
- Provides up to 400 CFM of air protected from all known traditional chemical or biological agents
- Allows up to 20 users to perform their missions without the encumbrance of Individual Protective Equipment
- Operates from 208 VAC, 400 Hz and 3 phase power
- Provides regulated positive pressure to prevent infiltration of CBR contamination

Users

US Army

Status

Sustainment



This Fact Sheet was cleared for public release on 3/7/2012.

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