



M48A1 GAS PARTICULATE FILTER (GPF) M48A1 GPF

Description

Removes traditional chemical agents, biological agents, and radiological particulates from the air stream passing through the filter before going to users. The versatile M48A1s are part of collective protection overpressure systems and are used in a variety of filter/blower applications, to include the M1A1 Series Tanks and other similar vehicles, allowing vehicle occupants to work unencumbered by Individual Protective Equipment.

Mission

Provides up to 100 CFM of clean air to occupants in a large vehicle or fixed shelter while protecting against traditional chemical/biological warfare agents and radiological particulates. It is also a component of the M93 Gas-Particulate Filter Unit (GPFU) that provides CBR filtered air to users inside a variety of shelters.



Capabilities

- Removes known traditional CBR contaminants from up to 100 CFM of air flowing through it
- Resistant to fungus and mildew
- Disposable as non-hazardous waste except in Utah and California, reduces potential health hazards to the user if the filter is ruptured and carbon is released

Users

US Navy, US Marine Corps, US Army, US Air Force

Status

Sustainment

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Point of Contact: Chemical, Biological, Radiological, & Nuclear Information Resource Center (CBRN IRC), cbrn@conus.army.mil,
Toll Free: 1-800-831-4408, Commercial: (309) 782-7349, DSN: 793-7349, Fax: (309) 782-1919