



## Modular Collective Protection Equipment M10 & M12 Protective Entrance (PE) M10 & M12 PE

### Description

Prevents direct liquid and vapor transport into the enclosure while personnel enter or exit the protected air. The PE consists of top and bottom shells, a door and frame assembly that supports the entrance front, a control module, two support assemblies which support the rear, impermeable fabric wall assembly connecting the top and bottom shells, and protective caps that cover the inlet and outlet air duct connectors. A PE control module provides purge timing, low-pressure warning, white or blackout red light for the protective entrance, and pressure regulation signals for an airflow valve mounted inline to the PE for control of PE pressure.

### Mission

Provides a pressurized transition area to allow individual decontamination and then entry to a field shelter in a chemical or biological agent contaminated area. The M10PE is used with the Artillery Fire Direction System (TACFIRE) AN/GSG-10(V) and GUARDRAIL. The M12PE is used with the Air Defense Command and Control System, AN/TSQ-73.

### Capabilities

- Provides for a user's transition between a protective shelter and a contaminated environment
- Provides a protected environment for allowing a user's decontamination to a suitable level in 5 minutes
- Measures purge period with provided timer
- Warns users if overpressure condition is lost through low-pressure warning

### Users

US Marine Corps, US Army

### Status

Sustainment

