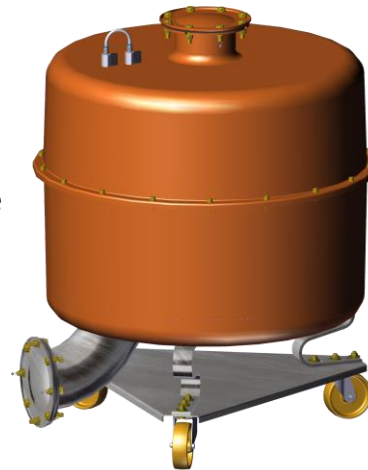
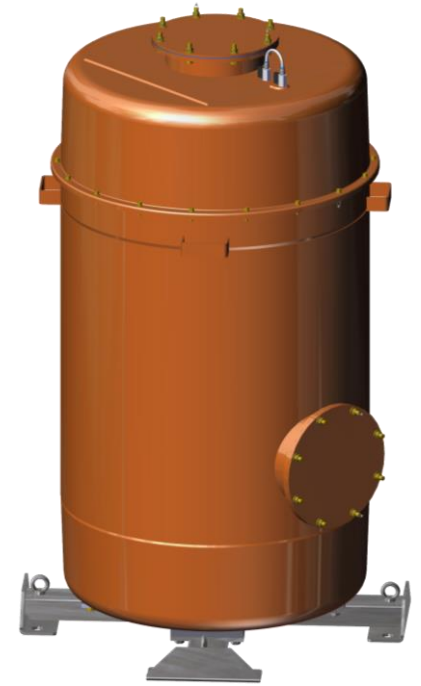


APPLICABLE FOR:

- ✓ Civil Defence and Government Shelters
- ✓ Protective Structures and Applications
- ✓ Critical Infrastructure and Strategic Assets
- ✓ Command and Control Centers
- ✓ Oil & Gas, Chemical and other types of Hazardous Industries
- ✓ Explosives & Dangerous Materials Storage Facilities
- ✓ Nuclear Power Plants



ES-600



ES-1250

Temet's ES-Series CBRN-Filters:

Temet CBRN filters are used in both the civil defense and operative shelters as well as in industrial facilities (mainly in safe / rescue / control rooms). The filters are designed for filtering chemical, biological, radiological and nuclear particles and substances. They provide protection from a wide range of chemical warfare agents (CWA) as well as toxic industrial chemicals (TIC).

CBRN-filters contain two main components:

- 1) Mechanical filter for biological and nuclear fallout particles
- 2) Activated carbon for adsorption of chemicals and gases

Highlights and Characteristics:

- Our CBRN-filters comply with the most demanding requirements
- Installed in thousands of applications and approved by various government and civil organizations
- Shelf-life: No less than 30 years (when maintained properly)
- Filtration efficiency of at least 99.95% for particles of 0.3 μm as per EN-1822
- Tested to withstand mechanical shock with rapid change in velocity
- Designed to function within operating temperature range of -20 ... +40 °C and to be stored at ambient temperature of -30 ... +70 °C

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