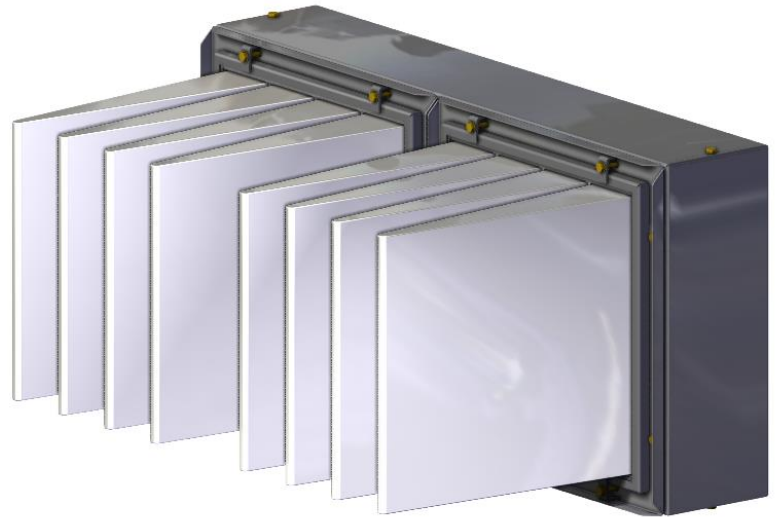


APPLICABLE FOR:

- ✓ Command and Control Centers
- ✓ Critical Infrastructure / Strategic Assets
- ✓ Blast-Hardened Structures
- ✓ Civil Defence Shelters
- ✓ Hazardous Industries (Oil & Gas, Chemical and other) and Storage Facilities
- ✓ Nuclear Power Plants



Temet's ESIS-9000 pre-filter:

The Temet ESIS-9000 pre-filter is used as coarse particle filter for CBRN Filtration unit's intake air filtration in CBRN protected civil defense and military shelters. The ESIS-9000 pre-filter is designed to be installed with wall sleeve into the blast protected area of the hardened shelters. The required LP-ESIS wall sleeve is sold as separate item. By using the pre filter, the lifespan of the CBRN filter can be extended.

The ESIS 9000 pre-filter comprises a filter element including two replaceable filter bags and supporting frame. A high degree of operational safety and pressure retention are ensured with non leaking heat-sealed load bearing filter pockets cast in a PUR front frame.

Highlights and Characteristics:

- Separation efficiency of the ESIS-9000 pre-filter is according to the filter grade G4, as in standard EN779.
- The filter is designed and tested against reflected blast pressure of 1,0 bar and incident total impulse of 425 Pas and 10 ms.
- The pre-filter is shock tested with a mechanical shock of the installation base having an acceleration of 30 g in direction of the three main axis.
- Nominal airflow 9000 m³ /h.
- Nominal pressure drop 60 Pa.
- Weight of the pre-filter 45 kg.

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