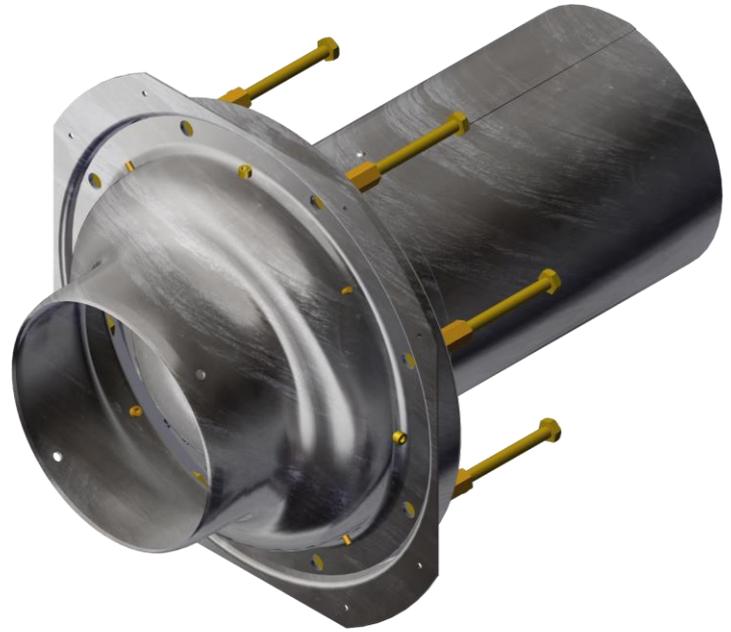


APPLICABLE FOR:

- ✓ 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



ESV & LP-ESV-L

Temet's ESV-Series Blast Valves:

Blast valves are used for protection of ventilation air intake and exhaust openings and airways in Civil Defense and government shelters. The ESV-blast valves are typically used in special applications that require high blast protection from both positive and negative phases of the blast. Allowing the blast load to enter the protected space can seriously harm people and equipment.

ESV-blast valves are designed to allow easy movement of high amount of air inwards and outwards and can be supplied in various, sizes and airflow rates to fit the needed technical characteristics: ESV-OV (with over pressure valve), ESV-PF (with pre-filter for air inlets), ESV-SP (with additional splinter plate protection) and others.

Highlights and Characteristics:

- Installed in numerous applications and approved by various government and civil organizations
- High inward and outward airflow with minimal pressure drop
- Designed to withstand multiple short and long duration blast loads up to 11 bar peak reflected overpressure
- Rapid closing and extremely effective attenuation of the oncoming blast
- Designed to withstand mechanical shock with rapid change in velocity
- Designed to function in various operating environments